

# ACADEMIC CALENDAR & COURSE PLAN

[କ୍ଷେତ୍ରିକ ଓ ମୁଦ୍ରଣ କିମ୍ବା]  
[ପ୍ରକାଶକ ଓ ମୁଦ୍ରଣ କିମ୍ବା]

D'PaviaingK tkM



କ୍ଷେତ୍ରିକ ୨୦୧୬-୨୦୧୭

ନାମ: .....

ଶ୍ରେଣି: ..... ତ୍ରୈମିକ ନଂ: .....

ଶିକ୍ଷାବର୍ଷ: .....



XvKv Kgum Ktj R  
DHAKA COMMERCE COLLEGE

(କ୍ଷେତ୍ରିକ ପ୍ରାଚୀନ ଓ ମୁଦ୍ରଣ କିମ୍ବା)

XvKv Kgum Ktj R t i wV, mg i cij , XvKv-1216

ଫୋନ୍: 9004942, 9007945, 9023338, ଫିଲ୍: 88-02-9037722

[www.dcc.edu.bd](http://www.dcc.edu.bd) dhaka commerce college

# ବିଶ୍ୱାସ କ୍ଲାବ୍ ଏବଂ କ୍ଲାବ୍ ଏକ୍ସର୍ଚ୍ୟୁଲେସନ୍

## Academic Calendar & Course Plan

D'Pgvā "ngK tk̄W  
ବିଶ୍ୱାସ ୨୦୧୬-୧୭



XvKv Kḡm̄Ktj R  
DHAKA COMMERCE COLLEGE

(-^A\_ପିତା ମହାପୁଣ୍ୟ ମନ୍ଦିର, ବିରବ୍ୟାଳୀ ଅଗ୍ରବନ୍ଦୀ)

XvKv Kḡm̄Ktj R t̄iW, ମନ୍ଦିର, XvKv-1216

ଫଲ୍ଲିବିଲ୍: 9004942, 9007945, 9023338, ଫଲ୍ଲିବିଲ୍: 88-02-9037722

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## XvKv Kgwm^Ktj †Ri c‡ZÔvZw` i bvg (1 Rj vB 1989)



1. cÖdmi kvduqiz Aingi` vññi Kx

2. cÖdmi W. tgut nwee Dj.vn

3. cÖdmi KvRx tgut bj'j Bmj vg dñi 'Kx



4. Rbve G Gd Gg mi l qvi Kuguj

5. Rbve tgut kug0j û`v

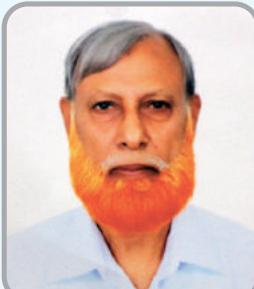
6. Rbve G.u.Gg. Avej Kvkg



7. AavcK tgut Avej evki

8. Rbve Gg. tnj vj

9. Rbve tgut kwdKj Bmj vg Pbø



10. Rbve gndRj nK kmib

11. Rbve tgut bj'j Bmj vg vññi Kx

13. PÆMö Mf. Kgwm^Ktj R Aij vgub G‡mwmtqkb (XvKv)

# AaትΠ i Kለ

XvKv Kgvmክትj R ተ<sup>አ</sup>ፋትb cወi Pwሮj Z, i vRbወZ I agcብgj<sup>ፃ</sup> e<sup>ው</sup>ZμgagrኩW አ<sup>ቅ</sup>l v c<sup>ቁ</sup>Zōb| 1989 mትj XvKv Kgvmክትj R c<sup>ቁ</sup>ZōZ nq| GB Kትj tRi አ<sup>ቅ</sup>l v<sup>ቁ</sup> i<sup>ቁ</sup>K evsj v I BstወW gva<sup>ተ</sup>g AvajbK አ<sup>ቅ</sup>l v i TQqyq I ወሸበም<sup>፳</sup> Z c<sup>ቁ</sup>Z<sup>ቁ</sup>Z cW v b Kiv nq|

XvKv Kgvmክትj R e<sup>የ</sup>emvq አ<sup>ቅ</sup>l v i Rb<sup>ር</sup> GKክW ወ<sup>ቁ</sup>kI wqZ c<sup>ቁ</sup>Zōb| G Kትj tRi c<sup>ቁ</sup>v j <sup>ጥ</sup> ወekjgb I GKesk kZvአxi P<sup>ጥ</sup> Ä tgvKmej vq ZvEእ K አ<sup>ቅ</sup>l v<sup>ቁ</sup>K ev<sup>ሁ</sup>eZvi mት\_ mgšq Kትi cW vtb*i* gva<sup>ተ</sup>g አ<sup>ቅ</sup>l v<sup>ቁ</sup> i thM<sup>ሁ</sup> Kትi Mትo tZyj v| tm Rb<sup>ር</sup> XvKv

Kgvmክትj tR Academic Calendar and Course Plan Abjhvqx Uvg<sup>ር</sup>c<sup>ቁ</sup>Z<sup>ቁ</sup>Z አ<sup>ቅ</sup>l v<sup>ቁ</sup>Kv<sup>ቁ</sup>ig cወi Pwሮj Z nq| GLvወb w<sup>ቁ</sup>qZ fvt<sup>፳</sup> Kmt<sup>ሁ</sup>, gwmK cixl v I ce<sup>ር</sup>cixl v MትYi gva<sup>ተ</sup>g አ<sup>ቅ</sup>l v<sup>ቁ</sup> i Povš-mvdj<sup>ሁ</sup> i j tP<sup>ጥ</sup> c<sup>ቁ</sup>Z Kiv nq|

GLvወb GKRb አ<sup>ቅ</sup>l v<sup>ቁ</sup>K tKej c<sup>ቁ</sup>MZ ወ<sup>ቁ</sup>vq mxgve<sup>ሱ</sup> bv t<sup>ተ</sup>L mgvM<sup>ክ</sup> ወKv<sup>ቁ</sup>ki j tP<sup>ጥ</sup> myk<sup>ሁ</sup>Z I ተ<sup>አ</sup>ቅ<sup>ሁ</sup>Z Kiv nq N hvtZ GKRb አ<sup>ቅ</sup>l v<sup>ቁ</sup>Rxetbi c<sup>ቁ</sup>ZU tP<sup>ጥ</sup>t<sup>ተ</sup> myc<sup>ሁ</sup>Z n<sup>ሁ</sup>Z c<sup>ቁ</sup>i |

XvKv Kgvmክትj tR Av<sup>ሁ</sup>Q GK<sup>ሁ</sup>j w<sup>ቁ</sup>ew Zc<sup>ሬ</sup> I KgP<sup>ሬ</sup>Aj Av<sup>ሁ</sup>k<sup>ሁ</sup>l<sup>ሁ</sup>K<sup>ሁ</sup> K<sup>ሁ</sup>l<sup>ሁ</sup>v Zt<sup>ሁ</sup> i Av<sup>ሁ</sup>sh K mnthwMZv I ms<sup>ሁ</sup>tk<sup>ሁ</sup>L<sup>ሁ</sup>R c<sup>ቁ</sup>q m<sup>ሁ</sup>W c<sup>ቁ</sup>i w<sup>ቁ</sup>kv|

Dbz<sup>ሁ</sup> አ<sup>ቅ</sup>l v i c<sup>ቁ</sup>tek myoi Rb<sup>ር</sup> c<sup>ቁ</sup>B t<sup>ተ</sup>ki w<sup>ቁ</sup>fbaKክtj R I ወekjle<sup>ሁ</sup>vj t<sup>ተ</sup>qi ተ<sup>አ</sup>bigL<sup>ሁ</sup>Z አ<sup>ቅ</sup>l K<sup>ሁ</sup> i Kትj tR Avg<sup>ሁ</sup>Yi gva<sup>ተ</sup>g አ<sup>ቅ</sup>l v m<sup>ሁ</sup>u<sup>ሁ</sup>K tmgbv<sup>ሁ</sup> AbjoZ nq| አ<sup>ቅ</sup>l v m<sup>ሁ</sup>u<sup>ሁ</sup>K Kv<sup>ቁ</sup>ig wntmte G Kትj tR Buj k<sup>ሁ</sup>gY, ewl<sup>ሁ</sup> R uxov c<sup>ቁ</sup>ZthwMZv, mvs<sup>ሁ</sup>ZK m<sup>ሁ</sup>vn BZ<sup>ሁ</sup> Kv<sup>ቁ</sup>ig AbjoZ nq| Gt<sup>ሁ</sup>Z Qv<sup>ሁ</sup>-Qv<sup>ሁ</sup>x I አ<sup>ቅ</sup>l K DftqB Zt<sup>ሁ</sup> i gvb<sup>ሁ</sup> Dba<sup>ሁ</sup>b mnvqZv c<sup>ቁ</sup>q|

XvKv Kgvmክትj tR D<sup>ሁ</sup>Pgva<sup>ሁ</sup>gK Qvovl BtZvgta<sup>ሁ</sup> e<sup>ሁ</sup>vcbv, w<sup>ቁ</sup>mve<sup>ሁ</sup>Avb, gvtK<sup>ሁ</sup>ls, wdb<sup>ሁ</sup>Y A<sup>ሁ</sup>U e<sup>ሁ</sup>svIKs, BstወW I A<sup>ሁ</sup>DMZ w<sup>ቁ</sup>tq Abv<sup>ሁ</sup>l gr<sup>ሁ</sup>vm<sup>ሁ</sup>Pv<sup>ሁ</sup> y i tqt<sup>ሁ</sup>| c<sup>ቁ</sup>kvcvnk GLvወb BBA c<sup>ቁ</sup>dkbjv<sup>ሁ</sup> tKvm<sup>ሁ</sup>Pv<sup>ሁ</sup> y Av<sup>ሁ</sup>Q Ges CSE tKvm<sup>ሁ</sup>c<sup>ቁ</sup>l<sup>ሁ</sup>qvarb i tqt<sup>ሁ</sup>| Kትj RW RvZxq ch<sup>ሁ</sup>q 2 (ሶ) evi (1996 I 2002 m<sup>ሁ</sup>b) t<sup>ተ</sup>ki tk<sup>ሁ</sup>Kትj R wntmte mi Kwi<sup>ሁ</sup> ተ<sup>አ</sup>KW AR<sup>ሁ</sup> Kትi t<sup>ሁ</sup>| RvZxq w<sup>ቁ</sup>le<sup>ሁ</sup>vj q tNv<sup>ሁ</sup>Z Kትj R i vsvIKs 2015-G temi Kwi<sup>ሁ</sup> Kትj Rmgjni gta<sup>ሁ</sup> XvKv Kgvmክትj R 1g<sup>ሁ</sup>ib, RvZxq ch<sup>ሁ</sup>q 4<sup>ሁ</sup>ib Ges A<sup>ሁ</sup>Ä w<sup>ቁ</sup>Eእ 3q<sup>ሁ</sup>ib AR<sup>ሁ</sup> Kትi t<sup>ሁ</sup>| Qvov Kትj tR w<sup>ቁ</sup>R<sup>ሁ</sup>fe<sup>ሁ</sup>b Qv<sup>ሁ</sup>x tnt<sup>ሁ</sup> t<sup>ሁ</sup>i myav Av<sup>ሁ</sup>Q|

mgvM<sup>ክ</sup> ወPr<sup>ሁ</sup> XvKv Kgvmክትj R nt<sup>ሁ</sup>Q t<sup>ተ</sup>ki Ggb GKክW Av<sup>ሁ</sup>k<sup>ሁ</sup>e<sup>ሁ</sup>vcW, thLvወb አ<sup>ቅ</sup>l K<sup>ሁ</sup> I አ<sup>ቅ</sup>l v<sup>ቁ</sup> i gj<sup>ሁ</sup> Df<sup>ሁ</sup>k<sup>ሁ</sup> nt<sup>ሁ</sup>v AvbvR<sup>ሁ</sup> I AwR<sup>ሁ</sup> Avb ev<sup>ሁ</sup>te c<sup>ቁ</sup>qM Kትi KgP<sup>ሁ</sup>t<sup>ተ</sup> mvdj<sup>ሁ</sup> j v<sup>ሁ</sup> Kiv Ges mgvR I RvZxq Dba<sup>ሁ</sup>b Ae<sup>ሁ</sup>ib i vLv|

c<sup>ቁ</sup>dm<sup>ሁ</sup> t<sup>ተ</sup>gut AveymvB<sup>ሁ</sup>

Aaት

XvKv Kgvmክትj R



## məşəbZ AwoffveKt̄ i ÁvZt̄\_©

t̄ t̄ki ewYR wkpvi Abb c̄lZöv XvKv Kgym®Kt̄ t̄Ri mwdt̄j i gj gş̄nt̄j v wbqg-k;Lj v (Discipline) | mRbkj (Creative) cixPv cxwZ | c̄lZU wkpv\_ñ D̄Eg Pwi MVb I D̄34j f̄iel Z i Pbq Kfj t̄R Kg®Z Avt̄Qb Qq (6) Rb wkpv\_ñ Dc̄t̄ óv| Zviv wkpv\_ñ tk̄t̄Kt̄ Dcw wZi t̄i KW®msi PjY, cixPv dj vdj hvPvB, AvPvi -AvPi Ymn newfbœvel q məşibK®Z msMö Kt̄ v̄t̄Kb| wkpv\_xP i məşibK®th t̄Kv̄t̄b Z\_ " RvbZ nt̄j Zv̄t̄ i Rb wbw @ wkpv\_ñ Dc̄t̄ óv myt̄ th t̄Kv̄t̄b Kg® et̄m thwMvhwM Kit̄Z nte mKjy 11:00 Ur t̄t̄K 1:30 Gi ḡta| GQrov c̄lZ 20 Rb wkpv\_ñ wbqgZ wkpv Kvh®ug t̄ Lvi bvi Rb i t̄qfQb MvBW wkpv Kgh®xj c̄lZgyfmi wbw @ Zwi t̄L MvBW wkpv\_ñ Kt̄Ki myt̄ wēt̄kI Ktm AbjöZ nq| məşibZ AwoffveK mivmwi wkpv\_ñ Dc̄t̄ óv | MvBW wkpv\_ñ Kt̄Ki myt̄ thwMvhwM myt̄c̄t̄l wbRi məşib/tcvl "-Gi tj Lvcoq AMMñZ məşibK®RvbZ cv̄t̄b| AwoffveKt̄ i ÁvZt̄\_®Kt̄ t̄Ri wbqg-k;Lj v | cixPv cxwZ məşibK® newfbœ, i "ZcY®elq wbta D̄t̄j,L Kiv nt̄j v-

**wbqg-k;Lj v:** GKRb AwoffveK Zviv məşib/tcvl "-t̄K Kt̄ t̄Ri tc̄t̄Yi c̄t̄e@b̄t̄Pi wēlq, t̄j v məşibK®bñlZ nteb-

- h\_vh\_fv̄t̄e Kt̄j R BDibdg®teë, RjZv c̄wi avb Kt̄i t̄0|
- Qv̄t̄ t̄ i Pj t̄Qv̄t̄e KvUv Avt̄Q (Rj wdmm wkb tmf Kiv \_vKt̄Z nte), Shirt-in\_vKt̄e|
- Qv̄t̄ x̄t̄ i Pj mwavi Yf̄v̄t̄ teYx Kiv Avt̄Q (Kcvt̄j i mwgt̄b t̄Kv̄t̄b Pj \_vKt̄e bv)| gv̄vq DPYKt̄i Pj ev̄v \_vKt̄e bv| th t̄Kv̄t̄b c̄kv̄i eo Aj sKvi c̄wi nvh®(t̄Qv̄ Kv̄bi Ue c̄iv hv̄te, e®R c̄iv hv̄te bv)| D̄t̄j,L, th mKj Qv̄t̄x tevi Kiv c̄wi avb Kt̄e Zviv Kt̄j R BDibdg®Gi Dci mw` v̄t̄oi fevi Kiv c̄i t̄e|
- ēv̄t̄M j̄ Kt̄q tḡv̄eBj t̄d̄v̄ tbq̄ib (Kt̄j t̄R tḡv̄eBj t̄d̄v̄ Avbv məşibY@bw! x)|
- t̄Kv̄t̄b c̄kv̄i Bt̄j KUibK `ë" (i-Pad, i-Pod, Tab, Gear/Smart Watch, CD BZ"w") m̄t̄½ tbB|
- t̄Kv̄t̄b c̄kv̄i agcvb ev Ab" t̄Kv̄t̄b tbkv̄ Kt̄i bv|
- wbañi Z mḡt̄q Kt̄j t̄R c̄lek Kt̄i t̄0|
- t̄Kv̄t̄b Amr m̄t̄½ Pj v̄td̄iv Kt̄i bv| Gt̄Pñt̄ c̄lq̄Rt̄b məşib i mncwñ I wbKU ēŪt̄ i myt̄ thwMvhwM i vLñZ nte|

Dct̄ii wēlq, t̄j vi t̄Kv̄t̄b GkñU ēZ"q nt̄j Avcbvi məşib/tcvl "-Kt̄j t̄R c̄lek Kt̄Z cv̄t̄e bv| Gt̄Pñt̄ t̄ Lvi hv̄q wkpv\_ñ Kt̄j t̄R c̄lek Kt̄i t̄Z bv tc̄ti Avt̄Reñt̄R AvÇvq Rvñt̄q c̄t̄o hv̄ Zvi D̄Eg Pwi MVt̄b ev̄v myo Kt̄i | GQrov Kt̄j R Qv̄t̄i ci wbañi Z mḡt̄q ew̄o wd̄ti Avmt̄Q wK bv G wēlq mKj AwoffveKt̄i mRvñm wñ i vLv c̄lq̄Rb|

**cixPv msukó Kvh®ug:** cixPv msukó hveZxq Z\_ "AvKv̄t̄WigK Kt̄j Üv̄t̄ AZ Š-mvej xj, fñlvq D̄t̄j,L Kiv Avt̄Q| AwoffveKMY mn̄t̄RB AvKv̄t̄WigK Kt̄j Üv̄t̄ t̄t̄K wb̄t̄ñw3 wēl qmgn̄ RvbZ cv̄t̄eb-

- gwmK/ce®cixPv mqgn̄P,
- cixPv c̄lekcl weZi t̄Yi Zwi L,
- cixPv dj vdj c̄Kv̄t̄i wbw @ Zwi L,
- cixPv Pj vKj xb c̄lq̄Rbxq wbñt̄ Rkv (côv 28 t̄Z ewY®) Abñi Y Kt̄Z nte| bKj wKsev bKj RvZxq t̄Kv̄t̄b wKjy mÜvb c̄v̄l qv t̄Mj | B wkpv\_xP K Zvñt̄wKf̄v̄t̄e Kt̄j R t̄t̄K ew̄ñvi Kiv nte|
- bZb tmKkb tñvñ Yvi mqgn̄P,
- Kt̄j t̄Ri emt̄ | Af Št̄xY Kvh®ug thgb- , i "ZcY®RvZxq | AvŠRñZK w̄ emmgn̄ D̄hv̄t̄bi tñvñ Yv̄,
- RvZxq | AvŠRñZK QñUmgn̄ BZ"w |
- GQrov Ri "ix tbwñUk mḡn̄, cixPv dj vdj, tmKkb c̄wi eZ®, mwavi Y QñU, AbjçwñZ c̄fñZ GmGgGm Gi gvañg AwoffveKt̄i bñt̄i tc̄t̄Y Kiv nq| wkpv\_ñMY Kt̄j R | t̄qemñBU eñDñRs Kt̄i mKj Z\_ " tc̄t̄Z cv̄t̄i |



**AwffveK w em:** A vKvWigK K vj Üvfi Dfj\_wLZ wbw @ Zwi tL QvT -ikPK-AwffveK w em AbjöZ nte| G Abjöfb GKRb ikPv\_x^fj Lvcovq AMMwZmn mweR weq m¤útK© AwffveKt` i tK AeñZ Kiv nq| GRb ikPv\_x^fj i cKZ AwffveKt` i AvBwN KvWmñ DcñwZ Avez^K| ikPv\_x^fj DEg dj vdtj i Rb ikPv\_x^fj AwffveK GB w gLx m¤úK©GKBmt` Avez nq cQqvRb|

XvKv Kgwm^Ktj R GKvU cwi evi | AwffveKt` i mnthwMZvcY©AvPi tYi gva tg GKRb mšib/tcvl mnRB Zvi KvrPZ mvdj ARfb mPq nq| ZvB w tbi 24 NvU, mbrtni 7 w b, gvtmi 30 w b Ges eQtii 365 w b GKRb AwffveK hñ Zvi mshbi Pj vtdiv Ges ikPvRxeb m¤útK©mPZb vK Zte tmB mshbi wec\_Mvgx nl qvi m¤ebv vK bv| GtPfT XvKv Kgwm^Ktj tRi wbqg-k,Lj v l mpjukPv Kvhþtgj cQZ mKtj i kkrteva \_kv KvGvS-Avez^K| ZteB t k I RvZ Dcnvi cüte GKvU my i fvel'r|

### ikPv\_x^fj i ÁvZv^fj ©

cQZ^K ikPv\_x^fK wbtaev^3 weq,tj v tgfb Pj tZ nte:

- Ktj R wbavñ Z BDnbudg©cwi avb Ktj wbqgZ wbw @ mgtq Ktj tR cQek Ki tZ nte| mKtj Km Pj vKv xb 7.55 vgbtUi gta" K vñuñtñ XkZ nte| Zte Gv` k tkvYi Km cQg 3 gwm 2.00Uv t\_k i" nte weaq GKv` k tkvYi mKj ikPv\_x^fK `ycj 1.55 vgbU Gi gta" Ktj tR cQek Ki tZ nte|
- A vKvWigK K vj Üvfi Abjvqz Ktj tRi hvexq Kvhþtg cwi Pwv Z nte| myi vs GiU memeqq mñz vKte|
- Ktj tRi th tKvbtv weqtqi cingtkP Rb msikó ikPv\_x^fDct` óvi mvt\_ thMñtñM KtZ nte|
- tj Lvcov m¤úK© th tKvbtv RvUj Zv wbimtbi Rb msikó weqtqi tKvñtñK Ges cQqRtb wefimq tPqvi gvtbi mvt\_ cingk^Ki tZ nte|
- era" Zvqj Kfite wbqgZ tkvY Kvhþtg Dcw-Z\_vKtZ nte| Ktj R KZetPj i webv AbjvZtZ GKv bI Kvtm AbjvZ\_vKv hte bv| tKvbtv ikPv\_x^fGKv b AbjvZ\_vKtj msikó ikPv\_x^fDct` óvi ceFogZ e' ZxZ cieZvKm Ksev cixPv Kvhþtg Ask wbZ cvite bv| Dfj,L, webv AbjvZtZ AbjvZtZi Rb cQZ^K w b 50/- (cAvk) UvKv nvfi Rwi gvb w tZ nq|
- 1g wcwi q#W 15vgbU ikPv\_x^fj tgav weKvki Rb mavi Y Ávb m¤útK©Avtj vPbv Kiv nq| GtPfT t\_kqj I AvSvZK Pj gvb NUbv thgb-weÁvb I cQy^3, ikí I mwnZ^, tLj vaj v, A\_©I ewYR, ikPv\_BZ\_w weqtK cQavb" t\_qv nq| GRb %wbK Leñi i KvMR t\_k K 5w Ges m¤útZKKtj i NUbv m¤úK© 5w (tgjU 10w) Z\_ cQZ w b wbw @ LvZvq msi Pj KtZ nte|
- wbw @ i wJb Abjvqz Km Kvhþtg cwi Pwv Z nq| GtPfT cQZ weqtqi Rb wbavñ Z LvZv eenvi Ki tZ nte|
- gwmK I ce©cixPv mgq cixPv Rb cQqRbxq mgwM thgb- cQekc, tcñYj, Kj g, ievi (Eraser), t\_j, Kvj Ktj Uj BZ\_w Ávb tZ nte| wektl Kti thKvbtv cQvI eñM, eB, LvZv, tbvUc, tgvevBj BZ\_w enb m¤úY@bw x| bKj Ksev bKj RvZxq tKvbtv ikQj mÜvb cvl qv tMtj I B ikPv\_x^fK ZrPvYKfite ewñ®vi Kiv nte|
- ce©cixPv tPfT tKvbtv ikPv\_x^fCekc Qrov cixPv w tZ cvitj bv| Zte cQekc nwi tq tMtj cwi Pqc cixPv kvLqv Rgv ti tL cixPv wbqstKj AbjvZ c1mn 100/- (GKkZ) UvKv nmve kvLqv Rgv w tq weKí (Duplicate) cQekc msMñ KtZ nte|



- mKj cix<sup>¶</sup>q c<sup>¶</sup>Z K w<sup>¶</sup>t q c<sup>¶</sup>m Kiv eva<sup>¶</sup>Zigj K | w<sup>¶</sup>Zb ev Z<sup>¶</sup>Zm<sup>¶</sup>Ak w<sup>¶</sup>t q AKZKvh<sup>¶</sup>w<sup>¶</sup>K c<sup>¶</sup>eZ<sup>¶</sup>c<sup>¶</sup>t<sup>¶</sup>D<sup>¶</sup>bz Kiv nq b<sup>¶</sup> Zv<sup>¶</sup>K Qvoc<sup>¶</sup> (TC) w<sup>¶</sup>t q Ktj R t<sup>¶</sup>K P<sup>¶</sup>j th<sup>¶</sup>Z nq | th tKv<sup>¶</sup>bv cix<sup>¶</sup>q AskM<sup>¶</sup>Y | c<sup>¶</sup>m Kiv eva<sup>¶</sup>Zigj K |
- Amy<sup>¶</sup>w<sup>¶</sup>q cix<sup>¶</sup>q AskM<sup>¶</sup>Yi Rb<sup>¶</sup>w<sup>¶</sup>mK-t<sup>¶</sup>w Gi e<sup>¶</sup>e<sup>¶</sup>v AvtQ|
- 2q ce<sup>¶</sup>cix<sup>¶</sup>q AKZKvh<sup>¶</sup>w<sup>¶</sup>K 2q et<sup>¶</sup>(<sup>¶</sup>W<sup>¶</sup> k tk<sup>¶</sup>M<sup>¶</sup>Z) D<sup>¶</sup>E<sup>¶</sup>X<sup>¶</sup>Kiv nq b<sup>¶</sup>Ges 4<sup>¶</sup> ce<sup>¶</sup>(<sup>¶</sup>tU<sup>¶</sup>/<sup>¶</sup>bP<sup>¶</sup>b) cix<sup>¶</sup>q AbE<sup>¶</sup>X<sup>¶</sup>w<sup>¶</sup>K Pov<sup>¶</sup>S-t<sup>¶</sup>w<sup>¶</sup>(D<sup>¶</sup>Pgvaw<sup>¶</sup>K/ GBPGm<sup>¶</sup>m) cix<sup>¶</sup>q AskM<sup>¶</sup>Y Ki<sup>¶</sup>Z t<sup>¶</sup>q<sup>¶</sup>nq b<sup>¶</sup>w<sup>¶</sup>Ki w<sup>¶</sup>mte TC w<sup>¶</sup>tZ nq A<sup>¶</sup>ev<sup>¶</sup>W<sup>¶</sup>k tk<sup>¶</sup>M<sup>¶</sup>Z t<sup>¶</sup>K th<sup>¶</sup>Z nq |
- tKv<sup>¶</sup>bv w<sup>¶</sup>q Am<sup>¶</sup>ntj K<sup>¶</sup>m w<sup>¶</sup>Ksev cix<sup>¶</sup>q Kvh<sup>¶</sup>g i i i c<sup>¶</sup>t<sup>¶</sup>e<sup>¶</sup>Ktj R KZ<sup>¶</sup>e<sup>¶</sup>P<sup>¶</sup>K Rvb<sup>¶</sup>Z nte | Ab<sup>¶</sup>w<sup>¶</sup>q Am<sup>¶</sup>Zv<sup>¶</sup>Kj xb w<sup>¶</sup>bmg<sup>¶</sup> Abc<sup>¶</sup>w<sup>¶</sup>Z w<sup>¶</sup>mte aiv nte | tmt<sup>¶</sup>q<sup>¶</sup>f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>e<sup>¶</sup>w<sup>¶</sup>Ztj i w<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>U R<sup>¶</sup>i<sup>¶</sup>ntq h<sup>¶</sup>t<sup>¶</sup>e | D<sup>¶</sup>tj,L<sup>¶</sup>, Ktj t<sup>¶</sup>R f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>i ci tKv<sup>¶</sup>bv R<sup>¶</sup>Uj t<sup>¶</sup>i<sup>¶</sup>t<sup>¶</sup>M Avp<sup>¶</sup>s-ntj mte<sup>¶</sup>P 10 w<sup>¶</sup>t<sup>¶</sup>bi Q<sup>¶</sup>U g<sup>¶</sup>A<sup>¶</sup>j Kiv nq |
- Ri<sup>¶</sup>w<sup>¶</sup>i c<sup>¶</sup>wi ewi K c<sup>¶</sup>qR<sup>¶</sup>t<sup>¶</sup>b w<sup>¶</sup>Ksev Go<sup>¶</sup>t<sup>¶</sup>bv h<sup>¶</sup>q b<sup>¶</sup>- Ggb me w<sup>¶</sup>t q<sup>¶</sup>A<sup>¶</sup>ffvet<sup>¶</sup>Ki Avt<sup>¶</sup>e b<sup>¶</sup>ut<sup>¶</sup>g mte<sup>¶</sup>P 5 w<sup>¶</sup>t<sup>¶</sup>bi Q<sup>¶</sup>U g<sup>¶</sup>A<sup>¶</sup>j Kiv nq | Z<sup>¶</sup>t cix<sup>¶</sup>q Pj v<sup>¶</sup>Kj xb tKv<sup>¶</sup>bv Q<sup>¶</sup>U t<sup>¶</sup>q<sup>¶</sup>nq b<sup>¶</sup>|
- w<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup> mg<sup>¶</sup>t<sup>¶</sup> tK<sup>¶</sup>YK<sup>¶</sup>t<sup>¶</sup>l<sup>¶</sup> g<sup>¶</sup>w<sup>¶</sup>q c<sup>¶</sup>Zt<sup>¶</sup>e<sup>¶</sup>b (Report Card) w<sup>¶</sup>ZiY Kiv nq | c<sup>¶</sup>KZ A<sup>¶</sup>ffvet<sup>¶</sup>Ki t<sup>¶</sup>l<sup>¶</sup>imn G<sup>¶</sup>U c<sup>¶</sup>piv<sup>¶</sup> Ktj t<sup>¶</sup>R Rgv w<sup>¶</sup>tZ nq | D<sup>¶</sup>tj,L<sup>¶</sup>, w<sup>¶</sup>j t<sup>¶</sup>a<sup>¶</sup>g<sup>¶</sup>w<sup>¶</sup>q c<sup>¶</sup>Zt<sup>¶</sup>e<sup>¶</sup>b (Report Card) Rgv t<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>i Rb<sup>¶</sup>w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>b 10/- (<sup>¶</sup>k) Uv<sup>¶</sup>Kv n<sup>¶</sup>t<sup>¶</sup>i R<sup>¶</sup>w<sup>¶</sup>g<sup>¶</sup>bv w<sup>¶</sup>tZ nte |
- m<sup>¶</sup>vB<sup>¶</sup>mK Q<sup>¶</sup>U (i<sup>¶</sup>muvi)-Gi A<sup>¶</sup>t<sup>¶</sup>M/c<sup>¶</sup>t<sup>¶</sup>i cici 2w<sup>¶</sup>b w<sup>¶</sup>ebv Abg<sup>¶</sup>w<sup>¶</sup>ZtZ Abc<sup>¶</sup>w<sup>¶</sup>Z \_v<sup>¶</sup>Ktj w<sup>¶</sup>bqg<sup>¶</sup>bh<sup>¶</sup>qxi i<sup>¶</sup>muvi mn <sup>¶</sup>g<sup>¶</sup>uMZ w<sup>¶</sup>Zb w<sup>¶</sup>b Abc<sup>¶</sup>w<sup>¶</sup>Z w<sup>¶</sup>mte MY nte hv f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>e<sup>¶</sup>w<sup>¶</sup>Ztj i th<sup>¶</sup>M<sup>¶</sup> | G<sup>¶</sup>ovov K<sup>¶</sup>m Pj v<sup>¶</sup>Kj xb cici w<sup>¶</sup>Zb w<sup>¶</sup>b w<sup>¶</sup>ebv Abg<sup>¶</sup>w<sup>¶</sup>ZtZ Abc<sup>¶</sup>w<sup>¶</sup>Z \_v<sup>¶</sup>Ktj | f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>e<sup>¶</sup>w<sup>¶</sup>Zj nte | tmt<sup>¶</sup>q<sup>¶</sup>f<sup>¶</sup>l<sup>¶</sup> i<sup>¶</sup>ayG<sup>¶</sup>Kevi GK g<sup>¶</sup>rtmi teZ<sup>¶</sup>t<sup>¶</sup>bi mgc<sup>¶</sup>wi g<sup>¶</sup>Y Uv<sup>¶</sup>Kv w<sup>¶</sup>tq c<sup>¶</sup>p<sup>¶</sup>t<sup>¶</sup>f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>hv<sup>¶</sup> | G NUb<sup>¶</sup>vi c<sup>¶</sup>p<sup>¶</sup>iv<sup>¶</sup>E ntj Zv<sup>¶</sup>K TC t<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>nq |
- agc<sup>¶</sup>bi Z Ae<sup>¶</sup>w<sup>¶</sup>q tKv<sup>¶</sup>bv w<sup>¶</sup>q Ktj t<sup>¶</sup>R ev Ktj t<sup>¶</sup>Ri Avt<sup>¶</sup>k-c<sup>¶</sup>rk cvl qv tMtj Zv<sup>¶</sup>i f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>e<sup>¶</sup>w<sup>¶</sup>Zj mn Avt<sup>¶</sup>i K<sup>¶</sup>w<sup>¶</sup>b K<sup>¶</sup>w<sup>¶</sup>t<sup>¶</sup> e<sup>¶</sup>e<sup>¶</sup>v AvtQ|
- Ktj R Af<sup>¶</sup>š<sup>¶</sup>t<sup>¶</sup>i tKv<sup>¶</sup>bv w<sup>¶</sup>q KtQ t<sup>¶</sup>g<sup>¶</sup>vevBj t<sup>¶</sup>dv<sup>¶</sup>b cvl qv tMtj tm<sup>¶</sup>U evtRq<sup>¶</sup>Bi f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>e<sup>¶</sup>w<sup>¶</sup>Zj nte<sup>¶</sup> cv<sup>¶</sup>i |
- Ktj t<sup>¶</sup>Ri tf<sup>¶</sup>Zt<sup>¶</sup>i evB<sup>¶</sup>t<sup>¶</sup>i tKv<sup>¶</sup>bv t<sup>¶</sup>tb<sup>¶</sup>t<sup>¶</sup>Kv<sup>¶</sup>bv w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>AvBb-k;Lj v e<sup>¶</sup>nf<sup>¶</sup>Z KvR K<sup>¶</sup>i t<sup>¶</sup>j Zv<sup>¶</sup>K m<sup>¶</sup>vw<sup>¶</sup>i TC t<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>nq |
- ba<sup>¶</sup>ni Z mg<sup>¶</sup>t<sup>¶</sup>qi gta<sup>¶</sup>w<sup>¶</sup>teZb c<sup>¶</sup>wi t<sup>¶</sup>kv<sup>¶</sup>a K<sup>¶</sup>i tZ nte | ba<sup>¶</sup>ni Z mg<sup>¶</sup>t<sup>¶</sup>qi c<sup>¶</sup>t<sup>¶</sup>i c<sup>¶</sup>Z<sup>¶</sup>w<sup>¶</sup>b 10/- (<sup>¶</sup>k) Uv<sup>¶</sup>Kv n<sup>¶</sup>t<sup>¶</sup>i R<sup>¶</sup>w<sup>¶</sup>g<sup>¶</sup>bv w<sup>¶</sup>tZ nte |
- K<sup>¶</sup>m Pj v<sup>¶</sup>Kj xb t<sup>¶</sup>Kv<sup>¶</sup>bv w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>evi<sup>¶</sup> v, Ktj R g<sup>¶</sup>W, K<sup>¶</sup>w<sup>¶</sup>Ub, j v<sup>¶</sup>B<sup>¶</sup>t<sup>¶</sup>l<sup>¶</sup>tZ Ae<sup>¶</sup>w<sup>¶</sup>b K<sup>¶</sup>i tZ cv<sup>¶</sup>i bv | K<sup>¶</sup>m Q<sup>¶</sup>Ui c<sup>¶</sup>t<sup>¶</sup>e<sup>¶</sup>KZ<sup>¶</sup>t<sup>¶</sup>l<sup>¶</sup>i w<sup>¶</sup>ebv Abg<sup>¶</sup>w<sup>¶</sup>ZtZ Ktj t<sup>¶</sup>Ri evB<sup>¶</sup>t<sup>¶</sup>i hv<sup>¶</sup> qv w<sup>¶</sup>b<sup>¶</sup>x G K<sup>¶</sup>t<sup>¶</sup>R R<sup>¶</sup>w<sup>¶</sup>Z w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>Zj mn Pov<sup>¶</sup>s-kw<sup>¶</sup>-ntZ cv<sup>¶</sup>i | K<sup>¶</sup>m t<sup>¶</sup>k<sup>¶</sup>t<sup>¶</sup>l<sup>¶</sup>m<sup>¶</sup>k;Lj f<sup>¶</sup>te w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>i Ktj R Z<sup>¶</sup>M K<sup>¶</sup>i tZ nte |
- Ktj t<sup>¶</sup>R Ae<sup>¶</sup>w<sup>¶</sup>bKj xb w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>q m<sup>¶</sup>t<sup>¶</sup>c<sup>¶</sup>wi Pqc<sup>¶</sup>l<sup>¶</sup>avix A<sup>¶</sup>ffvet<sup>¶</sup>K e<sup>¶</sup>ZxZ Ab<sup>¶</sup>w<sup>¶</sup>tK t<sup>¶</sup>KD t<sup>¶</sup>l<sup>¶</sup>y K<sup>¶</sup>i tZ cv<sup>¶</sup>i bv | c<sup>¶</sup>wi Pqc<sup>¶</sup>l<sup>¶</sup>Qovov t<sup>¶</sup>Kv<sup>¶</sup>bv w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>Ksev A<sup>¶</sup>ffvet<sup>¶</sup>K Ktj t<sup>¶</sup>R c<sup>¶</sup>ek K<sup>¶</sup>i tZ cv<sup>¶</sup>i bv | D<sup>¶</sup>tj,L<sup>¶</sup>, c<sup>¶</sup>wi Pqc<sup>¶</sup>l<sup>¶</sup>n<sup>¶</sup>wi t<sup>¶</sup>q<sup>¶</sup>t<sup>¶</sup>Mtj cv<sup>¶</sup>k<sup>¶</sup>Zx<sup>¶</sup>w<sup>¶</sup>bq w<sup>¶</sup>R<sup>¶</sup>W K<sup>¶</sup>i w<sup>¶</sup>R<sup>¶</sup>W K<sup>¶</sup>i t<sup>¶</sup>200/- (<sup>¶</sup>B<sup>¶</sup>Z) Uv<sup>¶</sup>Kv Ktj R Aw<sup>¶</sup>dtm Rgv w<sup>¶</sup>t<sup>¶</sup>j 7 w<sup>¶</sup>t<sup>¶</sup>bi tf<sup>¶</sup>Zt<sup>¶</sup>i bZb c<sup>¶</sup>wi Pqc<sup>¶</sup>l<sup>¶</sup>mie i<sup>¶</sup>v n<sup>¶</sup> Kiv nq |
- D<sup>¶</sup>tj,L<sup>¶</sup> w<sup>¶</sup>t<sup>¶</sup>q<sup>¶</sup>i evB<sup>¶</sup>t<sup>¶</sup>i th tKv<sup>¶</sup>bv ai<sup>¶</sup>bi Aew<sup>¶</sup>A<sup>¶</sup>Kvi t<sup>¶</sup>Yi e<sup>¶</sup>vn<sup>¶</sup>vi w<sup>¶</sup>Ksev f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>e<sup>¶</sup>w<sup>¶</sup>Zj Kiv nq | Ggb w<sup>¶</sup>q C<sup>¶</sup>qvRb Abh<sup>¶</sup>qxi tev<sup>¶</sup>w<sup>¶</sup>t<sup>¶</sup>Rt<sup>¶</sup>+kb e<sup>¶</sup>Ü Ktj t<sup>¶</sup>q<sup>¶</sup>n<sup>¶</sup>Z cv<sup>¶</sup>i | G w<sup>¶</sup>t q<sup>¶</sup>th tKv<sup>¶</sup>bv c<sup>¶</sup>kvi m<sup>¶</sup>cv<sup>¶</sup>i k ev Z w<sup>¶</sup>e<sup>¶</sup>i c<sup>¶</sup>p<sup>¶</sup>t<sup>¶</sup>Aciva w<sup>¶</sup>mte MY Kiv nte |
- neewnZ w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>Av<sup>¶</sup>hw<sup>¶</sup>M<sup>¶</sup> f<sup>¶</sup>w<sup>¶</sup>Z<sup>¶</sup>ci t<sup>¶</sup>Kv<sup>¶</sup>bv w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>Z c<sup>¶</sup>g<sup>¶</sup>wnZ ntj w<sup>¶</sup>Ksev w<sup>¶</sup>t q<sup>¶</sup>Ktj D<sup>¶</sup>f<sup>¶</sup>q t<sup>¶</sup>l<sup>¶</sup>l<sup>¶</sup>B w<sup>¶</sup>q K<sup>¶</sup>l<sup>¶</sup>q<sup>¶</sup>w<sup>¶</sup>K Ktj R t<sup>¶</sup>K e<sup>¶</sup>vn<sup>¶</sup>vi Kiv nte |

# കെ.എസ്.പി.ഡി.എസ്.



സോഡി ടഗ്രറേറ്റീവ്  
അംഗം



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അഭിവി സോഡി



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എ.എ.വി.ബി.വി.എഫ്.എ.



## వెఫ్మిక్ వెఫ్మి

### evsj v ve fM



tgvt mB' j ingub ugTv  
mnthMx Aa'vcK l Pqvi gjb



cldmi tgvt tivgRvb Avj x  
lk'lv xDct' ov



AveybiCg tgvt tgvtRvb=j tnqmb  
mnthMx Aa'vcK



tgvt nmibj i kx  
mnthMx Aa'vcK



tgvt mnRvnb Avj x  
mnKvix Aa'vcK



Gm. Gg. tgvt x nmib M.Phil  
mnKvix Aa'vcK



tgvt guDi ingub  
mnKvix Aa'vcK



tRvDj Avntg  
mnKvix Aa'vcK



BmivZ tgwi b  
mnKvix Aa'vcK



gxj tgvt Rvnij' Bmj yg M.Phil  
mnKvix Aa'vcK



CV\_Cv%  
mnKvix Aa'vcK



gy^3 i vq  
cfrvl K



Znigjbv Zvfn  
cfrvl K



Gwi b my Zvbn  
cfrvl K



tmvj vqgb Avj g  
cfrvl K (LÉKuj)

## Bst iR ve fWM



kgig Avñhb  
mnñhñMx Aa'vcK I tPqig'ib



cödmi tgvt Aväj KvBqj  
ikñl\_ñDct' òr



mw K tgvt tmij g  
mnñhñMx Aa'vcK



tgvt gCbDñi b Avng  
mnñhñMx Aa'vcK



gvKmj v lk ixb  
mnñhñMx Aa'vcK



Drcj Kgvi tNvI  
mnñhñMx Aa'vcK



tgvt gbmj Avj g  
mnñvix Aa'vcK



tLø` Kvi tgvt nw D¾igib  
mnñvix Aa'vcK



Lvqi'j Bmj vg  
mnñvix Aa'vcK



tgvt Rvn'j Kvi  
mnñvix Aa'vcK



tgvnñS kvdkii i ngib  
mnñvix Aa'vcK



mgxi b tcvñ vi  
mnñvix Aa'vcK



tgvt Kujmvi Avj x  
mnñvix Aa'vcK



tgvt tiRvDj Kvi g kvl b  
mnñvix Aa'vcK



ti nby AvLZvi wi skz  
cñvñ K



tgvt Zñtñ Kii i ngib  
cñvñ K



tgvt Avñbqvi tnñmb  
cñvñ K



Abçg wekjm  
cñvñ K



tgvnñS RvKwi qv clqmvj  
cñvñ K



## e-education



ew Dj Ajg g  
mnthmx Aa'ck I tPqri g'vb



tgt bi'j Ajg g fBqv  
mnthmx Aa'ck



'mq` Ave` j ie  
mnthmx Aa'ck



tgt kui dj Bmj vg  
mnthmx Aa'ck



Gm. Gg. Ajg x Avrg  
mnthmx Aa'ck



KvRx mqgv webtZ dvi 'Kx  
mnthmx Aa'ck



kugmv` kmRvnvb  
mnthmx Aa'ck



W. KvRx dtqR Avrvg  
mnthmx Aa'ck



W. G. Gg. ml KZ lmgb  
mnthmx Aa'ck



kugv Avngv`  
mnthmx Aa'ck



dvi nvb Avi Rgb  
mnKix Aa'ck



Zubexi Avng`  
mnKix Aa'ck



Zbq mi Kvi  
mnKix Aa'ck



tgt nRi Z Ajg x  
mnKix Aa'ck



vnMgv i ngvb  
mnKix Aa'ck



DtqS mvj gv  
mnKix Aa'ck



dvi Rgb i ngvb  
cfvlk



tgt tmqnj i vbv  
cfvlk



guQy Ajg g  
cfvlk (LÉKij xb)

## ମୁଦ୍ରଣ କାର୍ଯ୍ୟାଳୟ



ତ୍ରୁଟି ରୁମିଉସ୍ତାଇ ଆଇ ଜଗି ତକଳ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ ଲି ଟପ୍ରି ଗିବ



ଗ୍ରୀନ୍ସ ଅଂଗବ୍ଜ୍ଜ ବମ୍ବି ବିଗ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ତ୍ରୁଟି ଗ୍ରୀନ୍ସ ଡିବ୍  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ତ୍ରୁଟି ତ୍ରୁଟି ଗ୍ରୀନ୍ସ ଆବିକ୍ଷାକ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ମ୍ରିରୁବ୍ବ ଆବିନ୍ଦ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଗ୍ରୀନ୍ସ ବରୁଗ ଡିବ୍  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ତ୍ରୁଟି ତ୍ରୁଟି ଜବି ବମ୍ବି ବିଗ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଗ୍ରୀନ୍ସ ଲବିଙ୍ଗ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



କୁଗିବ' ବନ୍ଦିବି  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଗ୍ରୀନ୍ସ ତକୁକୁଫି ଦି ତନ୍ଦିମ୍ବ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଗ୍ରୀନ୍ସ ଆବେ ଜନ ମୁଜ ବିଗ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ବି ଗ୍ରୀନ୍ସ ବିଲ୍କବ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଆବେଇ ମନ୍ଦିର କ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଦ୍ଵି ନବ୍ବ ନମନ୍ଦିର  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ତ୍ରୁଟି ଗୁଙ୍ଗି ନମବ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଗ୍ରୀନ୍ସ ଗ୍ରୀନ୍ସ କ୍ରିଟିଏର  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଇକଜି ପାତା ଏବ୍ ସିଫିଲ କ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ମୁଜ ଗ୍ରୀନ୍ସ ଆବିନ୍ଦ  
ସିଫିଲ କ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ଆବନିବ ଡିବ୍ ଲବି  
ସିଫିଲ କ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



ତ୍ରୁଟି ମନ୍ଦିର ତନ୍ଦିମ୍ବ  
ସିଫିଲ କ  
ମନ୍ତ୍ରମାନ୍ଦ ଆବିକ୍ଷାକ



## guṭKOs ve fWM



† I qib tRueB v bni xb  
mnthMx Aa'icK I tPqri g'b



cldmi tgit Rwn` trvmb mK' vi  
tK'v uDc' ór



tgit kudKj Bmj vg  
mnthMx Aa'icK



kbuRZ mnwv  
mnthMx Aa'icK



tgit gÄj "j Avj g Gg.wdJ  
mnthMx Aa'icK



dviv nubv Av³vi mwv qv  
mnKix Aa'icK



Zumigby bwn`  
mnKix Aa'icK



mwenv Avchvi x  
cfvI K



wid&Z kebg  
cfvI K (LÉKj ib)



bi bwvi  
cfvI K (LÉKj ib)

## wdb vY A vU e wsuks ve fWM



tgyneS Beling Luj  
mnthMx Aa'icK I tPqri g'b



tgyneS AvKZvi tnqmb  
mnthMx Aa'icK



dviv nubv mEvi  
mnthMx Aa'icK



kvi gib my Zvbv  
mnKix Aa'icK



tgyneS gntepj Avj g  
mnKix Aa'icK



dviv` BmivZ Rwnb  
mnKix Aa'icK



tgit nubv Avj x  
mnKix Aa'icK



tgyneS gndRj i ngib  
cfvI K



clii` v Bqmigb  
cfvI K



tgit Avnub ZutK  
cfvI K



vkii b Av³vi  
cfvI K



dviv nubv tdi t' Šm  
cfvI K



kun` v kvi gib  
cfvI K



tgti ni b bwvi  
cfvI K (LÉKj ib)

## ciimsl̄ib, K̄pūDUvi | M̄YZ uefWl



tḡt Āēj īngib  
mn̄thMx AāvcK (K̄pū.) Ī Pqiḡib



c̄dmi t̄ḡm̄s̄ Buj q̄Q (cii.)  
ik̄l̄ Dc̄t ov



tḡt k̄wkJj Bmj vg  
mn̄thMx AāvcK (cii.)



W. tḡt uḡiR Avj x  
mn̄thMx AāvcK (M̄YZ)



tḡt Avāj L̄t̄j K  
mn̄thMx AāvcK (cii.)



vēc̄ ēwK  
mn̄thMx AāvcK (cii.)



G. GBP. Gg. mB̄j nm̄b  
mn̄thMx AāvcK (cii.)



Āt̄j q̄ cī f̄b̄  
mn̄thMx AāvcK (M̄YZ)



tḡm̄s̄ īnk̄ ȳv̄ḡib L̄b̄  
mn̄Kvix AāvcK (cii.)



Ab̄yḡ t̄ ebv̄  
mn̄Kri x AāvcK (cii.)



b̄w̄c̄ ī n̄q̄ vī  
cf̄v̄l K (K̄pū.)



tḡt t̄k̄v̄Bej īngib  
cf̄v̄l K (K̄pū.)



b̄Rgv̄ Av̄v̄ī  
cf̄v̄l K (Av̄Bim̄U)



m̄ȳB̄ev̄ n̄K Z̄ī vex̄  
cf̄v̄l K (Av̄Bim̄U-L̄EKv̄j xb̄)



d̄v̄i R̄b̄v̄ Av̄v̄ī vī c̄v̄  
cf̄v̄l K (Av̄Bim̄U-L̄EKv̄j xb̄)

## ē em̄q c̄k̄mb uefWl



W. KvRx d̄t̄q̄R Av̄m̄s̄  
mn̄thMx AāvcK Ī cii Pj̄ K



## A\_BwZ we fWM



tgvt I qjj x Dj  
mnthMx Aa'icK I tPqvi g'ib



mj vBqv cvi fjb  
mnthMx Aa'icK



nwdRv kvi wgb  
mnthMx Aa'icK



mj vBqv LvZb  
mnKri x Aa'icK



Amtq` Ammib nwee  
mnKri x Aa'icK



tgnq` Avaj unj ekueejn  
mnKri x Aa'icK

## mwPieK we`v I Audm e e`vcbv we fWM



tgvt BDb@ nvl j v vi  
tPqvi g'ib mnthMx Aa'icK (nmie ieAvb)



c@dm@ tgvt AvejZtj e Gg.udj  
(e e`vcb) ik@l@\_Dct@\_v

## mgvRie`v we fWM



gyl mpdv fdit@ Smv Gg.udj.  
tPqvi g'ib mnthMx Aa'icK (f#Mj)



c@dm@ tgvt evnji Dj v fBqv  
(f#Mj) ik@l@\_Dct@\_v



tgvt bRi`j Bmj vg  
mnthMx Aa'icK (e e`vcb)



G. we. Gg. vgRiqb i ngub  
mnKri x Aa'icK (nmie ieAvb)



kebg bwn` vZx  
mnthMx Aa'icK (mgvRieb)



gvi `dv mj Zlbv  
c@f@l K (BzNm), L@Kuj xb



tgvt gndRj i ngub  
mnKri x Aa'icK (dbi`Y A@E e isikS)



tgvt knx`j Bmj vg  
mnKri x Aa'icK (e e`vcb)



tgvt krdKi i ngub  
c@f@l K (BzNm), L@Kuj xb

## j vBteii kvLv



gymas Avkividj Kui g  
j vBteii qib



wi j I qvi v teMg  
wmibqj K vUjy Mvi

## kvi mi K wkPv vefM



dtqR Avng  
K ixi PPPikPK

## Ab''vb'' vefM

### Awdm



tgt bi'j Avj g  
ckmibK KgKZP



Rvdvi qv cvi fxb  
Dc-ckmibK KgKZP



tgyvmaS BDbØ  
mnKvi x ckmibK KgKZP

### cixl vnbqSY kvLv



tgt GbvtqZ tmfmb  
Dc-cixl vnbqSY

## vnme kvLv

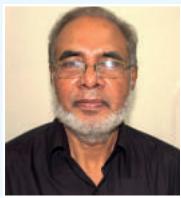


tgt Avkividj Avj x  
Dc-vnmei PIY KgKZP



tgt Avej Kyj ig  
Dc-vnmei PIY KgKZP

## tgtWtKj kvLv



Wt GtKGg Awbmj nK  
tgtWtKj Awdmvi



KwbR dvtZgv  
wmibqj vbd bim®

## cOKSkj kvLv



tgt tmj g tti Rv  
mnKvi x cOKSkj x



tgt vj qvKZ Avj x  
Dc-mnKvi x cOKSkj x



tgt gwRej i ngvb  
e'juZK mvcvi fvBRvi



## RvZxq msMxZ

Avgvi tmvbvi evsj v  
 Awg tZvgvi fvij vevm |  
 Wiw b tZvgvi AvKrk, tZvgvi evZvm  
 Avgvi cÖY evRvg evwk  
 I gv dv, tb tZvi Avtgi etb NöY  
     cMj Kti,  
     gwi nvq, nvq ti ....  
 I gv ANöb tZvi fi v t¶‡Z  
 Awg wK t` tLwQ gaj nvwm \  
 Kx tkvfv, Kx Qvqv tMv....  
 Kx AvPj weQvtqQ etUi g‡j  
     b xi K‡j K‡j |  
     gv, tZvi g‡Li evYx  
 Avgvi Kv‡b j vtM m¤vi g‡Zv,  
     gwi nvq, nvq ti ....  
 gv tZvi e bLwb gwi b ntj ,  
 I gv Awg bqb R‡j fwml

## K‡j R msMxZ

ঢাকা কর্মসূলি কলেজ  
 আমরা একটি জাগ্রত পরিবার,  
 শিক্ষাঙ্গনে জ্ঞানবো প্রদীপ  
 এই আমাদের অঙ্গীকার ॥  
 শিক্ষাঙ্গনে ভরে গেছে পশ্চাত্পদ বিশ্বাস  
 মুক্ত করে হব একদিন প্রদীপ্তি ইতিহাস  
 দেশের জন্যে  
 জাতির জন্যে  
 গড়বো নতুন অহংকার ॥  
 শিক্ষার মাঝে ছাত্র-ছাত্রী জীবন গড়তে পারে  
 জুলতে পারে সূর্যের মতো নিগৃত অঙ্কারে  
 এই বিশ্বাসে  
 এই উচ্ছাসে  
 চলবো সামনে দুর্নিবার ॥  
 গীতিকার : মোঃ হাসানুর রশীদ  
 সুরকার : সাইদ হোসেন সেন্টু

## KC\_

Awg myóKZv bvtg A½xKvi KiQ th, K‡j R I t` tki wbqg-k;Lj vi cÖZ  
 HKwšK vKtev Ges AvŠm Kfite tg‡tb Pj tev| DËg dj vdj AR‡bi gva‡tg  
 wb‡R‡K Mto Zj tev| Db‡Z Pw † MV‡b m‡Pó ntev| K‡j tRi mbvg ej‡i Rb  
 AvŠm KZvi mv‡\_ KvR K‡i hve| Awg G me wKoB Ki‡ev Avgvi wb‡Ri Rb,  
 Avgvi cwi ev‡i i Rb, Avgvi fnei r eska‡i Rb, iv‡oi Rb, m‡efci mgmÖ  
 gwbe RvZi Rb | gnvb m¤v Avgvi mnvq tnvb | Awgbl

## Avgv‡` i Av` k<sup>©</sup>

^A\_¶‡tb cwi Pwj Z, i vRbmZ I agcibgj³ XvKv Kgym©K‡j tRi tgšij K Av` k<sup>©</sup>  
 ntj v wkpiv, Kg©l ag‡ A\_¶ cÖ‡g Ávb AR‡bi Ki‡Z nte, AZtci ÁvRZ Ávb  
 ev‡ te cÖqvtMi Rb\_ KvR Ki‡Z nte Ges GUvB nte ag‡ Kvi Y, Avgv g‡b Kvi,  
 Ávbnxb Kg©Ges Kg©egi ag‡bi \_R |

## cÖZq

wbqgubewZv, Abkxj b | Aaemv‡qi gva‡tg XvKv Kgym©K‡j R GKwU myk¶vZ |  
 - wkpiv Z RvZ Mv‡b A½xKvi ve‡ | AbiMZ Rxetbi cÖZv t¶‡i GKRb wkpiv\_x‡K  
 mv‡tj i wkpiv Db‡Z Kivi j † G cÖZv eb‡ci Ki | wkpiv\_x‡K Kg©q fnei r  
 i wZ tnvK cÖZv‡bi mhZacwi Ph‡q |



Wk ΠvcwÄ  
Academic Calendar

GKv`k I Øv`k tkW  
vkPvel © 2016-2017

Ktj tRi Af ŠhY cixPvi dj vdj gj "vqb c×wZ wbæiſc:

†MÖW gVKÄA+ = 80-100, A = 70-79, A- = 60-69, B = 50-59, C= 40-49, D= 33-39  
WPKV\_KE i cIZ wel tq cIZ K cte Kgc tP C †MÖW tctZ nte Ges  
90% KtM DcW Z \_vKtZ nte |

ce <sup>©</sup>	RjvB 2016-btfxt 2016	tgvU tköY Kvhq` em - 89
WZxq ce <sup>©</sup>	Wtmxt 2016-gvP©2017	tgvU tköY Kvhq` em - 82
ZZxq ce <sup>©</sup>	Gicj 2017-AvM÷ 2017	tgvU tköY Kvhq` em - 75
PZL_ce <sup>©</sup>	tmfpxt 2017-btfxt 2017	tgvU tköY Kvhq` em - 46
cÄg ce <sup>©</sup>	Wtmxt 2017-tde°qwi 2018	tgvU tköY Kvhq` em - 43
2016-2017	Wtvetl <sup>©</sup> gvU tköY Kvhq` em	335

c̄z w̄l t̄q̄i c̄ix̄v, b̄t̄ I mgt̄q̄i QK

cix <sub>IV</sub>	mvBwK		gwmK		ce <sup>©</sup>		tgwU b <sup>¤</sup> t
	b <sup>¤</sup> t	mgq	b <sup>¤</sup> t	mgq	b <sup>¤</sup> t	mgq	
1g ce <sup>©</sup>	10	20mg.	30	60mg.	60	120mg.	100
2g ce <sup>©</sup>	10	20mg.	30	60mg.	100	180mg.	140
3g ce <sup>©</sup>	10	20mg.	30	60mg.	60	120mg.	100
4_°ce <sup>©</sup> (bepPbx cix <sub>IV</sub> )	-	-	-	-	100	180mg.	100
5g ce <sup>©</sup> (gj_wqb cix <sub>IV</sub> )	-	-	-	-	100	180mg.	100



## cög ce©

tgqv` Kvj : Rj vB 2016 - btfxt 2016  
tgvU tkv Kvhv em - 89

Rj vB 2016	KvhPg	AwM÷ 2016	KvhPg
1 T̄uevi		1 tm̄gevi	
2 k̄ubevi		2 g½j evi	
3 īweevi		3 ēēevi	
4 tm̄gevi		4 ep̄-úñZevi	
5 g½j evi	* i gRvb, k̄te K̄ i, RgvZj we` v,	5 T̄uevi	
6 ēēevi	* C` -Dj -wdZi	6 k̄ubevi	
7 ep̄-úñZevi		7 īweevi	
8 T̄uevi		8 tm̄gevi	
9 k̄ubevi		9 g½j evi	
10 īweevi	Km t̄ i "	10 ēēevi	
11 tm̄gevi		11 ep̄-úñZevi	
12 g½j evi		12 T̄uevi	
13 ēēevi		13 k̄ubevi	
14 ep̄-úñZevi		14 īweevi	
15 T̄uevi		15 tm̄gevi	RvZiq tkvK w em
16 k̄ubevi	WTK-WTK-IV-CWIPZ Abjib	16 g½j evi	
17 īweevi		17 ēēevi	
18 tm̄gevi		18 ep̄-úñZevi	
19 g½j evi		19 T̄uevi	
20 ēēevi		20 k̄ubevi	
21 ep̄-úñZevi		21 īweevi	
22 T̄uevi		22 tm̄gevi	
23 k̄ubevi	AwffiveK mfv-GK` k tkv	23 g½j evi	
24 īweevi		24 ēēevi	
25 tm̄gevi		25 ep̄-úñZevi	* i f RbWógx
26 g½j evi		26 T̄uevi	
27 ēēevi		27 k̄ubevi	
28 ep̄-úñZevi		28 īweevi	
29 T̄uevi		29 tm̄gevi	gwmK cixPiv, AwM÷
30 k̄ubevi		30 g½j evi	
31 īweevi		31 ēēevi	

- DmZ cwI wzi KvI tY tkvbtv cwI eZD tbwUtki gra tg Rvbvbtv nte |
- cieZr@ tbi KvhpPg, Ktmi mgqmigv, Qnji tbwUk, cixPiv mgqmip I dj vdj www.dcc.edu.bd  
I tqemvBtUi gra tg Rvbvbtv nte |
- \* PvU t Lvi I ci wfPkj

tm̄P̄t 2016	Kih̄ug
1 en̄ úwZevi	
2 īuevi	Bwj k ågY
3 k̄ubevi	
4 īweevi	
5 tm̄gevi	
6 g½j evi	
7 ēnevi	
8 en̄ úwZevi	
9 īuevi	
10 k̄ubevi	
11 īweevi	
12 tm̄gevi	
13 g½j evi	
14 ēnevi	
15 en̄ úwZevi	
16 īuevi	
17 k̄ubevi	
18 īweevi	
19 tm̄gevi	
20 g½j evi	
21 ēnevi	
22 en̄ úwZevi	
23 īuevi	
24 k̄ubevi	
25 īweevi	
26 tm̄gevi	
27 g½j evi	
28 ēnevi	
29 en̄ úwZevi	
30 īuevi	

\* C` -Dj -Avhnu

teZb/wdmgñ  
ēvstK cñi t̄kva

At̄vei 2016	Kih̄ug
1 k̄ubevi	
2 īweevi	
3 tm̄gevi	
4 g½j evi	
5 ēnevi	
6 en̄ úwZevi	
7 īuevi	gwmK cixñi, At̄vei
8 k̄ubevi	
9 īweevi	
10 tm̄gevi	
11 g½j evi	
12 ēnevi	* Avi iñ, weRqv `kgx
13 en̄ úwZevi	
14 īuevi	
15 k̄ubevi	
16 īweevi	
17 tm̄gevi	
18 g½j evi	
19 ēnevi	
20 en̄ úwZevi	
21 īuevi	
22 k̄ubevi	
23 īweevi	
24 tm̄gevi	
25 g½j evi	
26 ēnevi	
27 en̄ úwZevi	1g ceCixñi cñekcñ weZiY
28 īuevi	
29 k̄ubevi	t̄kiMKih̄ug -MZ
30 īweevi	Kwj cRv
31 tm̄gevi	t̄kiMKih̄ug -MZ

- ◆ D™Z cñi wñZi Kvi t̄Y t̄Kñbv cñi eZñ tbññt̄ki gvañg Rvþibv nñt̄ |
- ◆ cieZññt̄bi Kih̄ug, Kñmi mgqmñgv, Qññi tbññt̄k, cixñi mgqmñP I dj vdj www.dcc.edu.bd  
I t̄qemvBñUi gvañg Rvþibv nñt̄ |
- \* Pññ t̄ Lvi I ci bñfñkñj



**ମୋଟାକ୍ଷେତ୍ର କେନ୍ଦ୍ର**  
**ପାଠ୍ୟ କ୍ଷେତ୍ର : ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ 2016 - ୨୦୧୭**  
**ପାଠ୍ୟ କ୍ଷେତ୍ର କର୍ତ୍ତାଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ - ୮୨**

ବିତ୍ତନ୍ତ 2016		Kର୍ତ୍ତାଙ୍କ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ 2016		Kର୍ତ୍ତାଙ୍କ
1	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ	କର୍ତ୍ତାଙ୍କ କର୍ତ୍ତାଙ୍କ	1	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
2	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		2	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
3	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		3	କୁବେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
4	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		4	ଇନ୍ୟେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
5	କୁବେନ୍ୟୁ		5	ଟମ୍ବର୍ସେନ୍ୟୁ	
6	ଇନ୍ୟେନ୍ୟୁ		6	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ	
7	ଟମ୍ବର୍ସେନ୍ୟୁ		7	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
8	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ		8	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
9	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		9	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
10	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		10	କୁବେନ୍ୟୁ	
11	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		11	ଇନ୍ୟେନ୍ୟୁ	
12	କୁବେନ୍ୟୁ		12	ଟମ୍ବର୍ସେନ୍ୟୁ	* C` - G-ୱ୍ୟୁଜିବ୍ୟେକ
13	ଇନ୍ୟେନ୍ୟୁ		13	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ	
14	ଟମ୍ବର୍ସେନ୍ୟୁ		14	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
15	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ	15	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
16	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ	16	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
17	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		17	କୁବେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
18	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		18	ଇନ୍ୟେନ୍ୟୁ	
19	କୁବେନ୍ୟୁ		19	ଟମ୍ବର୍ସେନ୍ୟୁ	ଟେକ୍ସ୍ଯୁମିନ୍ୟୁ
20	ଇନ୍ୟେନ୍ୟୁ		20	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ	ଏପ୍ରିଲ୍ସେନ୍ୟୁ
21	ଟମ୍ବର୍ସେନ୍ୟୁ		21	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	A F S H Y ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
22	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ		22	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ
23	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		23	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
24	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		24	କୁବେନ୍ୟୁ	
25	ଏପ୍ରିଲ୍ସେନ୍ୟୁ		25	ଇନ୍ୟେନ୍ୟୁ	
26	କୁବେନ୍ୟୁ	ଟେକ୍ସ୍ଯୁମିନ୍ୟୁ	26	ଟମ୍ବର୍ସେନ୍ୟୁ	
27	ଇନ୍ୟେନ୍ୟୁ		27	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ	
28	ଟମ୍ବର୍ସେନ୍ୟୁ		28	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
29	ଗ୍ରେଜ୍ୟୁସନ୍ୟୁ		29	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
30	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	* AvtLwi Pvni tmvse	30	ଏପ୍ରିଲ୍ସେନ୍ୟୁ	
			31	କୁବେନ୍ୟୁ	

- ◆ D M Z c w i w I Z i K r i t Y t K u b r c w i e Z D t b w U t k i g r a t g R b v b r n t e |
- ◆ c i e Z r g R t b i K r h p g, K r m i m g q m x g, O n i t b w U k, c i x T v i m g q m P | d j v d j www.dcc.edu.bd  
I t q e m B t U i g r a t g R b v b r n t e |
- \* P w u t L v i l c i b f f k j

Rwbywni 2017	Kihpg
1 i weevi	MvBW Km
2 tmvgevi	MvBW Km
3 g½j evi	
4 epevi	
5 ep- úZevi	gwmK cix¶v, Rwbywni
6 i µevi	
7 kibevi	
8 i weevi	
9 tmvgevi	
10 g½j evi	
11 epevi	ewl R µxov
12 ep- úZevi	µxov cieZx¶v
13 i µevi	
14 kibevi	
15 i weevi	MvBW Km
16 tmvgevi	MvBW Km
17 g½j evi	
18 epevi	
19 ep- úZevi	
20 i µevi	
21 kibevi	
22 i weevi	
23 tmvgevi	
24 g½j evi	
25 epevi	
26 ep- úZevi	
27 i µevi	
28 kibevi	
29 i weevi	
30 tmvgevi	
31 g½i evi	

tde*qwi	2017	Kihp̥ig
1	epevi	mi-Zx cRv
2	en-úwZevi	MvBW Kvm
3	i̥uevi	
4	kibevi	MvBW Kvm
5	iweevi	
6	tm̥gevi	
7	g½j evi	
8	epevi	
9	en-úwZevi	
10	i̥uevi	gvNx cWqy
11	kibevi	
12	iweevi	
13	tm̥gevi	
14	g½j evi	
15	epevi	MvBW Kvm
16	en-úwZevi	MvBW Kvm
17	i̥uevi	
18	kibevi	
19	iweevi	
20	tm̥gevi	
21	g½j evi	AišRanZK gvZ.fvl v w̥ em
22	epevi	
23	en-úwZevi	
24	i̥uevi	
25	kibevi	
26	iweevi	
27	tm̥gevi	gw̥mK ci xPv, tde*qwi
28	g½j evi	

- ◆ D'MZ cwi~wzi Kvit~y tKutbv cwi eZB tbwUtki gva~tg Rvb~tbv nte|
  - ◆ cieZx@~tbi Kvh@jg, Ktmi mgqmigv, QJi tbwUk, cix@vi mgqm@P I dj@dj www.dcc.edu.bd  
I tqemB@Ui gva~tg Rvb~tbv nte|
  - \* Pw ~ Lvi I ci ibf@kxj



ZZxq ce©  
tgqr` Kvj : Gwç 2017 - Aw÷ 2017  
tgwU tkv Kvh em - 75

grüP©2017	Künpüg	Gruç 2017	Künpüg
1 epevi	MvBW Kym	1 Kübevi	MvBW Kym
2 ep-úwZevi	MvBW Kym	2 iweevi	MvBW Kym
3 īuevi		3 tmgevi	2q ce©ci x̄vi c̄lekçî weZiy
4 kubevi		4 g½j evi	
5 īweevi		5 epevi	
6 tmgevi		6 ep-úwZevi	
7 g½j evi		7 īuevi	
8 epevi		8 Kübevi	
9 ep-úwZevi		9 īweevi	
10 īuevi		10 tmgevi	WZxq ce©ci x̄vi
11 kubevi		11 g½j evi	
12 īweevi		12 epevi	
13 tmgevi		13 ep-úwZevi	
14 g½j evi		14 īuevi	eisj v beel ©1424
15 epevi	MvBW Kym	15 Kübevi	
16 ep-úwZevi	MvBW Kym	16 īweevi	
17 īuevi	RıZxi RbK e½eÜi RbW b	17 tmgevi	WZxq ce©ci x̄vi
18 kubevi		18 g½j evi	
19 īweevi		19 epevi	
20 tmgevi		20 ep-úwZevi	
21 g½j evi		21 īuevi	
22 epevi		22 Kübevi	
23 ep-úwZevi		23 īweevi	
24 īuevi		24 tmgevi	* kte wgi vR
25 kubevi		25 g½j evi	teZb/wdmgn e½tK c̄wii tkia
26 īweevi	-TaxbZv w em	26 epevi	(Wk t̄kai fiZq t̄mkb PıRan)
27 tmgevi		27 ep-úwZevi	
28 g½j evi		28 īuevi	
29 epevi		29 Kübevi	
30 ep-úwZevi		30 īweevi	WZxq ce©ci x̄vi dj c̄kvk
31 īuevi			

- ◆ D<sup>TM</sup>Z cwi<sup>W</sup> Zi Kvi<sup>T</sup>Y tKv<sup>T</sup>bv cwi eZ<sup>T</sup> tbwUtki gva<sup>T</sup>g Rvb<sup>T</sup>bv nte|
  - ◆ cieZx<sup>T</sup> tbi Kv<sup>T</sup>ig, Kv<sup>T</sup>imi mgqm<sup>T</sup>gv, Q*U*i tbwUk, ci<sup>T</sup>vi mgqm<sup>T</sup>P I dj vdj www.dcc.edu.bd  
I tqemwBtUi gva<sup>T</sup>g Rvb<sup>T</sup>bv nte|

\* Pw t` Lvi I ci wfP kxj

tg 2017	Kihög	Rþ 2017	Kihög
1 tm̄gevi	tg w̄ em	1 ep̄-úw̄Zevi	MvBW Kym
2 g½j evi	AwffveK mfv I MvBW Kym	2 īuevi	MvBW Kym
3 ēnevi	MvBW Kym	3 k̄ubevi	
4 ep̄-úw̄Zevi		4 īweevi	
5 īuevi		5 tm̄gevi	gwmK cix¶l, Rþ
6 k̄ubevi		6 g½j evi	
7 īweevi		7 ēnevi	
8 tm̄gevi		8 ep̄-úw̄Zevi	
9 g½j evi		9 īuevi	
10 ēnevi		10 k̄ubevi	
11 ep̄-úw̄Zevi		11 īweevi	teZb/wdmgn e'vs̄K cwi t̄kva
12 īuevi		12 tm̄gevi	
13 k̄ubevi	Wk¶l mBvn Dfðvab	13 g½j evi	
14 īweevi	tmKkb cwi eZØ	14 ēnevi	MvBW Kym
15 tm̄gevi	MvBW Kym	15 ep̄-úw̄Zevi	MvBW Kym
16 g½j evi	MvBW Kym	16 īuevi	
17 ēnevi		17 k̄ubevi	
18 ep̄-úw̄Zevi		18 īweevi	
19 īuevi		19 tm̄gevi	
20 k̄ubevi		20 g½j evi	
21 īweevi		21 ēnevi	
22 tm̄gevi		22 ep̄-úw̄Zevi	
23 g½j evi		23 īuevi	
24 ēnevi		24 k̄ubevi	
25 ep̄-úw̄Zevi		25 īweevi	
26 īuevi		26 tm̄gevi	
27 k̄ubevi	* igRvb ii"	27 g½j evi	
28 īweevi		28 ēnevi	
29 tm̄gevi		29 ep̄-úw̄Zevi	
30 g½j evi		30 īuevi	
31 ēnevi			

\* igRvb, kte Kj i,  
 \* RgvZj we`v,  
 \* C`-Dj wdZi

- ◆ DmZ cwi w̄iZi Kvi t̄Y tKv̄bv cwi eZØ tbwUtki gva"tg Rvbv̄bv nte|
- ◆ cieZw¶tbi Kihög, Ktmi mgqmgy, Qnji tbwUk, cix¶vi mgqmP I dj vdj [www.dcc.edu.bd](http://www.dcc.edu.bd) I tqemwBtUi gva"tg Rvbv̄bv nte|
- \* Pw t̄Lvi lci wbffkxj



Rj vB 2017	Kihög	AM+ 2017	Kihög
1 kibevi	GK' k tk̄m i k̄jK-k̄jv̄ f̄ci p̄Z Abpib	1 g½j evi	MvBW K̄m
2 iweevi	MvBW K̄m	2 epevi	MvBW K̄m
3 tm̄gevi	MvBW K̄m	3 ep-úwZevi	
4 g½j evi		4 īuevi	
5 epevi		5 kibevi	
6 ep-úwZevi		6 iweevi	
7 īuevi		7 tm̄gevi	
8 kibevi		8 g½j evi	
9 iweevi		9 epevi	
10 tm̄gevi		10 ep-úwZevi	
11 g½j evi		11 īuevi	
12 epevi		12 kibevi	
13 ep-úwZevi		13 iweevi	
14 īuevi		14 tm̄gevi	3q ce©ci x̄lvi c̄lekct̄ m̄ZiY
15 kibevi	MvBW K̄m	15 g½j evi	RiZiq tk̄k w̄ em, *if RbWógx
16 iweevi	MvBW K̄m	16 epevi	
17 tm̄gevi		17 ep-úwZevi	t̄kiNYKihög -MZ
18 g½j evi		18 īuevi	
19 epevi		19 kibevi	
20 ep-úwZevi		20 iweevi	
21 īuevi		21 tm̄gevi	
22 kibevi		22 g½j evi	
23 iweevi		23 epevi	
24 tm̄gevi		24 ep-úwZevi	
25 g½j evi		25 īuevi	
26 epevi		26 kibevi	
27 ep-úwZevi		27 iweevi	
28 īuevi		28 tm̄gevi	
29 kibevi		29 g½j evi	
30 iweevi		30 epevi	* C` -Dj -Avhnw
31 tm̄gevi		31 ep-úwZevi	

- D™Z ciw w̄Zi Kvi t̄Y t̄Kv̄bv ciw eZB tbwUtki gvātg Rv̄b̄bv n̄te |
- cieZw̄tbi Kihög, K̄mi mgqmxy, Q̄Ui tbwUk, cix̄lvi mgqmP I dj wdj [www.dcc.edu.bd](http://www.dcc.edu.bd) I t̄qemwBtUi gvātg Rv̄b̄bv n̄te |

\* Pw̄ t̄ Lvi I ci w̄fFkxj

## PZL<sup>©</sup>ce<sup>©</sup>

**tgq` Kij : tmtPxt 2017 - btfxt 2017  
tgwU tkW Kihq em - 46**

tmtPxt 2017	Kihqig	At±lei 2017	Kihqig
1 iuevi		1 iuevi	* Avi iv
2 kibevi		2 tmgevi	MvBW Kym
3 iweevi		3 g½j evi	MvBW Kym
4 tmgevi		4 epevi	
5 g½j evi		5 ep-úZevi	
6 epevi		6 iuevi	gwmK ciTiv, At±lei
7 ep-úZevi		7 kibevi	
8 iuevi		8 iweevi	
9 kibevi	ZZxq ce°ciTivi dj cKik	9 tmgevi	
10 iweevi		10 g½j evi	
11 tmgevi		11 epevi	
12 g½j evi	teZb/wdmgn e°stK ciTiv tkva	12 ep-úZevi	
13 epevi		13 iuevi	
14 ep-úZevi		14 kibevi	
15 iuevi		15 iweevi	MvBW Kym
16 kibevi	MvBW Kym	16 tmgevi	MvBW Kym
17 iweevi	MvBW Kym	17 g½j evi	
18 tmgevi	tmKkb ciTiv eZB	18 epevi	
19 g½j evi		19 ep-úZevi	Kwj cRv
20 epevi		20 iuevi	
21 ep-úZevi		21 kibevi	
22 iuevi		22 iweevi	
23 kibevi		23 tmgevi	
24 iweevi		24 g½j evi	
25 tmgevi		25 epevi	
26 g½j evi		26 ep-úZevi	
27 epevi	Bwj k ågY	27 iuevi	
28 ep-úZevi	ågY cieZx°eÜ	28 kibevi	
29 iuevi		29 iweevi	
30 kibevi	weRqv` kgx	30 tmgevi	
		31 g½j evi	

- ◆ DmZ ciTiv-úZi KviTY tKvbtv ciTiv eZB tbwUtki gva°tg Rvbvtv nte|
- ◆ cieZx°tbi Kihqig, Kvtmi mgqmigv, Qnji tbwUk, ciTivi mgqmP I dj vdj [www.dcc.edu.bd](http://www.dcc.edu.bd) | tqemwBtUi gva°tg Rvbvtv nte|

\* Pw t Lvi I ci ibfPkij

cAg ce<sup>©</sup>

তারিখ ক্ষেত্র : মে ২০১৭ - ডেসেম্বর ২০১৮  
তারিখ ক্ষেত্র ক্ষেত্র নং - ৪৩

বিত্তী ২০১৭	ক্ষেত্রগ	মে ২০১৭	ক্ষেত্রগ
১ eperi	MvBW Kvm	১ i peri	* C <sup>t</sup> wqj v bex
২ ep-úZevi	MvBW Kvm	২ kubevi	t-úkj Kvm I MvBW Kvm
৩ i peri		৩ i weevi	MvBW Kvm
৪ kubevi	4 Ce <sup>c</sup> cixPvi cilekct <sup>t</sup> weZiY	৪ tmvgevi	
৫ i weevi	tkiKvh <sup>g</sup> - MZ	৫ g½j evi	
৬ tmvgevi		৬ eperi	
৭ g½j evi		৭ ep-úZevi	PZL Ce <sup>c</sup> cixPvi dj clik
৮ eperi		৮ i peri	
৯ ep-úZevi		৯ kubevi	
১০ i peri		১০ i weevi	
১১ kubevi		১১ tmvgevi	
১২ i weevi		১২ g½j evi	
১৩ tmvgevi		১৩ eperi	
১৪ g½j evi		১৪ ep-úZevi	
১৫ eperi	* AvfLwi Pvni tmvgevi	১৫ i peri	
১৬ ep-úZevi		১৬ kubevi	weRq w em
১৭ i peri		১৭ i weevi	MvBW Kvm
১৮ kubevi		১৮ tmvgevi	MvBW Kvm
১৯ i weevi		১৯ g½j evi	
২০ tmvgevi		২০ eperi	Afsih prior l mnZ ms'uzK dZthulZi ej'ii ieZiY Abip
২১ g½j evi		২১ ep-úZevi	ewl R tfvR
২২ eperi		২২ i peri	
২৩ ep-úZevi		২৩ kubevi	
২৪ i peri		২৪ i weevi	
২৫ kubevi		২৫ tmvgevi	
২৬ i weevi		২৬ g½j evi	
২৭ tmvgevi		২৭ eperi	
২৮ g½j evi		২৮ ep-úZevi	
২৯ eperi		২৯ i peri	
৩০ ep-úZevi		৩০ kubevi	
		৩১ i weevi	

- ◆ D<sup>t</sup> MZ c<sup>t</sup> w-<sup>t</sup>Zi Kvi tY tkibv c<sup>t</sup> eZ<sup>t</sup> tbwUtki gva<sup>t</sup>g Rvbvbtv nte |
- ◆ c<sup>t</sup> eZ<sup>t</sup> w-<sup>t</sup>b<sup>t</sup> Kvh<sup>g</sup>, Kvh<sup>g</sup> mi mgqmigv, QnUi tbwUk, cixPvi mgqmip | dj vdj www.dcc.edu.bd | tqemwBtUi gva<sup>t</sup>g Rvbvbtv nte |
- \* Pv<sup>t</sup> t Lvi l ci wfPkjy



Rୁବ୍ୟୁ 2018	Kିଳପିଙ୍ଗ
1 tm̄gevi	
2 g½j evi	
3 epevi	
4 ep̄ úñZevi	
5 ī̄uevi	
6 k̄ubevi	
7 īweevi	
8 tm̄gevi	
9 g½j evi	
10 epevi	
11 ep̄ úñZevi	
12 ī̄uevi	
13 k̄ubevi	
14 īweevi	
15 tm̄gevi	MvBW K̄m
16 g½j evi	MvBW K̄m
17 epevi	
18 ep̄ úñZevi	
19 ī̄uevi	
20 k̄ubevi	
21 īweevi	
22 tm̄gevi	mī Zx cRv
23 g½j evi	
24 epevi	
25 ep̄ úñZevi	
26 ī̄uevi	
27 k̄ubevi	
28 īweevi	
29 tm̄gevi	
30 g½j evi	5g cēc̄yñi c̄l̄eZiY
31 epevi	

ତଥୀରୁ 2018	Kିଳପିଙ୍ଗ
1 ep̄ úñZevi	
2 ī̄uevi	
3 k̄ubevi	
4 īweevi	
5 tm̄gevi	ewl R muov
6 g½j evi	muov cieZQm
7 epevi	
8 ep̄ úñZevi	
9 ī̄uevi	
10 k̄ubevi	
11 īweevi	
12 tm̄gevi	
13 g½j evi	cĀg cēc̄yñi
14 epevi	
15 ep̄ úñZevi	
16 ī̄uevi	
17 k̄ubevi	
18 īweevi	
19 tm̄gevi	
20 g½j evi	
21 epevi	AvŠRñZK ḡvZ.f.v w em
22 ep̄ úñZevi	
23 ī̄uevi	
24 k̄ubevi	
25 īweevi	
26 tm̄gevi	
27 g½j evi	
28 epevi	

- ◆ Dm̄Z c̄m̄ w̄ñZi K̄i t̄Y t̄K̄t̄b̄v c̄m̄ eZB t̄b̄wUñki ḡāt̄g R̄b̄t̄b̄v n̄te|
- ◆ cieZQñt̄b̄i K̄i k̄iñg, K̄iñm̄i mgqñigv, Oññi t̄b̄wUk, cixñvñi mgqmñP | dj vdj [www.dcc.edu.bd](http://www.dcc.edu.bd) I t̄qemñBñUi ḡāt̄g R̄b̄t̄b̄v n̄te|
- \* Pñù t̄ Lvi I ci w̄ñPñkj



ଗୁରୁତବୀ 2018	କିମ୍ବାଗ
1 en-ୟୁଜେବି	
2 ଟ୍ରେଵି	
3 କୁବେବି	cÂg ce©cixPvi dj cKik
4 ଇଲେବି	
5 ଟମ୍ବଗେବି	
6 g½j evi	
7 ଏପେବି	
8 en-ୟୁଜେବି	
9 ଟ୍ରେଵି	
10 କୁବେବି	
11 ଇଲେବି	
12 ଟମ୍ବଗେବି	
13 g½j evi	
14 ଏପେବି	
15 en-ୟୁଜେବି	
16 ଟ୍ରେଵି	
17 କୁବେବି	RiZxi RbK e½eUi RbWb
18 ଇଲେବି	
19 ଟମ୍ବଗେବି	
20 g½j evi	
21 ଏପେବି	
22 en-ୟୁଜେବି	
23 ଟ୍ରେଵି	
24 କୁବେବି	
25 ଇଲେବି	
26 ଟମ୍ବଗେବି	-RaibZv W em
27 g½j evi	
28 ଏପେବି	GBPGmum 2018 cixPvi P i cökct I tiwR. KtW@eZiY Ges ie vq mseaBv
29 en-ୟୁଜେବି	AwffveK mfV
30 ଟ୍ରେଵି	
31 କୁବେବି	

cixPvi wbt` Rbv
1. wkpvi_xK Aek`B cixPvi cökct wbtq cixPvi ntj cök Ki‡Z nte
2. Kj g, tcwYj , t-j , Bti Rvi, Kvj Ktj Ui BZ`w Aek`B wkpvi_x@mt_ wbtq cixPvi ntj cök Ki‡te
3. eWM/FwbU eWM, tbwCt, eB, LvZv BZ`w wbtq cixPvi mgq Ktj R Kv@u@tm cök Kiv hte bv  Zte cökct I cixPvi Rb Dchp cöqRbiq `e` mgm@U@Ycv@iU e@M Kti Awb hte
4. ---- bs cÖk@Ei/Ans to the Q. no... Uc gwRbi Dcti ij LtZ nte
5. cÖZ cÖvq 16 t_k 18 j vBb Ges cÖZ K j vBb Kgct@ 5/6@ kā _vKtZ nte
6. cixPvi Pj vKj xb Ab tKtbv wkpvi_x@ t_k Kj g, tcwYj , Bti Rvi, Kvj Ktj Ui BZ`w Av vb cÖvb Kiv htte bv
7. wbw @ w tb cixPvi cökct, cixPvi DÉic@ I wi‡c@K@W@msM@ Ki‡Z nte
8. wbw @ w b e`ZxZ Ab tKtbv w b DÉic@ t` Lv@b Ges G m@u@K@Kt@b Awfth@M M@Y Kiv nte bv

- ◆ D™Z cii wñZi Kvi tY tKtbv cii eZ@ tbw@tki gva@tg Rb@t bv nte|
- ◆ cieZ@@ tbi Kvh@ag, Ktmi mgqm@gi, Q@Ui tbw@uk, cixPvi mgqm@P I dj vdj www.dcc.edu.bd  
I t@em@B@Ui gva@tg Rb@t bv nte|
- \* Pv@ t` Lvi I ci wbff@kj



# cW'μg web'vm

## Course Plan

বাংলা ১ম ও ২য় পত্র

### প্রথম পর্ব (একাদশ শ্রেণি)

tgqv' Kvj : Rj vB 2016 - btfm' 2016

tgvU tkW Kvh' em - 89

cōg ce°cixlvi mgusZ vmtj evm		cYgb : 60	
cī	aib	cW'μg	tj LK
cōg	M^..	weovj	ew'gP`^PfEvca'vq
		AcwipZv	i e` bv_ VvKi
		Pvl vi `fz	tivtKqv mvLvi qvZ tnvmb
		AvnVb	wefvZfY e` "vcva"vq
		Avgi c_	KvRx bRi "j Bmj vg
		Rxeb I e`	tgvZvtni tnvmb tPSaj x
	KweZv	wefxl tYi cōZ tgNbv`	gvBfKj gajn~ b ` E
		HKZvb	i e` bv_ VvKi
		mvv`ev`x	KvRx bRi "j Bmj vg
		GB cij exfZ GK ~v b AvfQ	Rxebvb` ` v k
		ZvnvtiB cto gtb	mydqv Kvgyj
		tmb A_;	Avnmvb nvexe
WZxq	e"vKi Y	evsj v fvl vi e"vKiWY kātkW	
		evK"ZEj	
		evsj v evbvtbi wbqg	

### gwmK cixlvi- AwM÷ 2016 Gi vmtj evm

cYgb : 30

μg	cW'μg
1	AcwipZv
2	wefxl tYi cōZ tgNbv`

### gwmK cixlvi- At±vei 2016 Gi vmtj evm

cYgb : 30

μg	cW'μg
1	weovj , Pvl vi `fz
2	HKZvb, mvv`ev`x
3	evsj v fvl vi e"vKiWY kātkW



## ସମ୍ବନ୍ଧିତ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣୀ)

**ତାରିଖ କ୍ଷେତ୍ର :** ଜାନୁଆରୀ 2016 - ଜୁଲାଇ 2017  
**ପର୍ବ ନମ୍ବର :** 82

ମହାଦେଶୀର୍ଷି ମାଟ୍ରିକ୍ୟୁଲେଟ୍ ଏମ୍		ମୋଟ ପର୍ବ : 100	
cଠି	aଇବ	cମ୍ବିଗ୍	tିଆରୀ
ମହାଦେଶୀର୍ଷି	ମାଟ୍ରିକ୍ୟୁଲେଟ୍	ଗ୍ରାମ-ନିକଳିମ୍	ଗ୍ରାମକ ଏଫ୍ ଏକାଦଶ
		ଏକାଦଶ ମାଟ୍ରିକ୍ୟୁଲେଟ୍	କ୍ଲାସ୍ ରେଜିସ୍ଟ୍ରେସନ୍
		Rେଜିସ୍ଟ୍ରେସନ୍ କରିବାର ହିଁ	ଅନୁଭବୀୟ ଗ୍ରାମ
		ଟିକ୍ଟ କରିବାର ହିଁ	ଅନୁଭବୀୟ ଗ୍ରାମ ବିଷୟ
		ଗ୍ରାମର ମାଟ୍ରିକ୍ୟୁଲେଟ୍ କରିବାର ହିଁ	ଗ୍ରାମର ରୂପିତ ବିଷୟ
		ଟିକ୍ଟ କରିବାର ହିଁ	ମାଟ୍ରିକ୍ୟୁଲେଟ୍ କରିବାର ହିଁ
	ମାଟ୍ରିକ୍ୟୁଲେଟ୍ କରିବାର ହିଁ	ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍	ମାଟ୍ରିକ୍ୟୁଲେଟ୍ କରିବାର ହିଁ
		ଟିକ୍ଟ କରିବାର ହିଁ	କ୍ଲାସ୍ ରେଜିସ୍ଟ୍ରେସନ୍ କରିବାର ହିଁ
		ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍	ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍
		ଟିକ୍ଟ କରିବାର ହିଁ	କ୍ଲାସ୍ ରେଜିସ୍ଟ୍ରେସନ୍ କରିବାର ହିଁ
		ଟିକ୍ଟ କରିବାର ହିଁ	ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍
		ଟିକ୍ଟ କରିବାର ହିଁ	ମାଟ୍ରିକ୍ୟୁଲେଟ୍ କରିବାର ହିଁ
ମହାଦେଶୀର୍ଷି	ଏକାଦଶ	ଏକାଦଶ ଏମ୍	ଏକାଦଶ ଏମ୍
ମହାଦେଶୀର୍ଷି	ଏକାଦଶ	ଏକାଦଶ ଏମ୍	ଏକାଦଶ ଏମ୍
ମହାଦେଶୀର୍ଷି	ଏକାଦଶ	ଏକାଦଶ ଏମ୍	ଏକାଦଶ ଏମ୍

ମାଟ୍ରିକ୍ୟୁଲେଟ୍ - ରୂପିତ ଏମ୍		ମୋଟ ପର୍ବ : 30	
ମୁକ୍ତି	cମ୍ବିଗ୍	cମ୍ବିଗ୍	cମ୍ବିଗ୍
1	ଗ୍ରାମ-ନିକଳିମ୍, ଏକାଦଶ ମାଟ୍ରିକ୍ୟୁଲେଟ୍		
2	ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍		
3	ଏକାଦଶ ଏମ୍		

ମାଟ୍ରିକ୍ୟୁଲେଟ୍ - ଟିକ୍ଟ କରିବାର ହିଁ		ମୋଟ ପର୍ବ : 30	
ମୁକ୍ତି	cମ୍ବିଗ୍	cମ୍ବିଗ୍	cମ୍ବିଗ୍
1	ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍		
2	ଆବଶ୍ୟକ ଏକାଦଶ ଏମ୍		
3	ଏକାଦଶ ଏମ୍		



## cWμg wb'wm

### তৃতীয় পর্ব (দ্বাদশ শ্রেণি)

tqqr` Kyj : GwCj 2017 - AwM÷ 2017

tgvU tkhY KvhW em - 75

#### ZZxq ceCixPvi mgwsZ mtj evm

cYgb : 60

c̄l	aib	cWμg	tj LK	
c̄g	mncW	j vj mvj y(Dcb'wm)	^mq` I qvj xDj.vn&	
wZxq	wbwgZ	cwi fwl K kā, Abey` (Bst̄iR t_‡K evsj v)		
		w` bwj vc vj Lb, AwfÁZv eYø, fvly, c̄Zte` b		
		`e` jwZK wPw, ¶‡` evZP, c̄l vj Lb, Avte` bc̄l		
		mvivsk, mvigg, mvimst¶c, fvem¤cñvi Y		

#### gwmK cixPvi- Rj wB 2017 Gi mtj evm

cYgb : 30

μg	cWμg
1	j vj mvj y(c̄g Aaßk)
2	cwi fwl K kā, Abey` (Bst̄iR t_‡K evsj v)

#### gwmK cixPvi- Rj wB 2017 Gi mtj evm

cYgb : 30

μg	cWμg
1	j vj mvj y(tkl Aaßk)
2	`e` jwZK wPw, ¶‡` evZP, c̄l vj Lb, Avte` bc̄l

### চতুর্থ পর্ব (দ্বাদশ শ্রেণি)

tqqr` Kyj : tmPøt 2017 - btføt 2017

tgvU tkhY KvhW em - 46

#### PZL CeCixPvi mgwsZ mtj evm

cYgb : 100

c̄l	aib	cWμg	tj LK	
c̄g	mncW	wmi vRD‡i ſj v (bvUK)	wmKvb& vi AveyRvd i	
wZxq	wbwgZ	msj vc i Pbv, ¶‡` Mí i Pbv		
		c̄Ü-wbeÜ i Pbv		

নে. `‡ : PZL CeCixPvi cixPvi cYgb c̄g c̄l-100 Ges wZxq c̄l-100 D'P gvaingK evsj v 1g c̄l I 2q c̄l i m¤uY' mtj evm Abjhñqx GB cixPvi AbjøZ nte |

### পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)

tqqr` Kyj : wNtøt 2017 - tdeøqwi 2018

tgvU tkhY KvhW em - 43

#### cAg ceCixPvi mgwsZ mtj evm

cYgb : 100

wi wFD Km I cixPvi



## English Paper I &amp; II

প্রথম পর্ব (একাদশ শ্রেণি)

tgcv` Kyj : Rj vB 2016 - btfpm 2016

tgcv` tkiY Kvh@ em - 89

## First Term Examination: Paper I &amp; II

Full Marks : 60

SL	Description of the Syllabus
1.	Paper I Unit: 1- 6 Question Items: a) MCQ (#1A) b) Open- ended Questions (1#B) c) Flow Chart (Q#2) d) Completing Table (Q#2) e) Fill in the Gaps with Clues(Q#4) f) Fill in the Gaps without Clues (Q#5)
2.	Paper II Question Items: a) Right Forms of Verbs (Q#5) b) Changing Sentences (Q#6) c) Use of Modifiers (Q#9) d) Punctuation (Q#12) e) Synonyms and Antonyms – Unit 1-6(Q#11)
3.	Writing: Paper I a) Paragraph (Q#7) b) Informal Letter (Q#9) c) Informal Email (Q#9) Paper II a) Formal Letter (Q#13) b) Formal Email (Q#13)

## First Term- Monthly August 2016: Paper I &amp; II

Full Marks : 30

SL	Description of the Syllabus
1.	Paper I Unit : 1, 2, 3 Question Items: a) MCQ (Q#1A) b) Fill in the Gaps with Clues (Q#4) c) Fill in the Gaps without Clues (Q#5)



# cWμg wb'nm

2.	Paper II Question Items: a) Right forms of Verbs (Q#5) b) Use of Modifiers (Q#9) c) Synonyms and Antonyms: Unit - 1, 2, 3 (Q#11)
3.	3.Writing Paper I: Paragraph (Q#7) Paper II: Formal Email (Q#13)

## First Term- Monthly October 2016: Paper I & II

**Full Marks : 30**

SL	<b>Description of the Syllabus</b>
1.	Paper I Unit: 4, 5, 6 Question Items: a) Open –ended Questions (Q#1B) b) Flow Chart (Q#2) c) Completing Table (Q#2)
2.	Paper II Question Items: a) Changing Sentences (Q#6) b) Punctuation (Q#12) c) Synonyms and Antonyms: U- 4, 5, 6 (Q#11)
3.	Writing Paper I : a) Informal Letter (Q#9) b) Informal Email(Q#9) Paper II:Formal Letter (Q#13)

## ଦ୍ୱିତୀୟ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣି)

ତାରିଖ : ୨୦୧୬ - ୨୦୧୭

ମୁଦ୍ରଣ ତାରିଖ ମୁହଁମିତି - ୮୨

## Second Term Examination: Paper I & II

**Full Marks : 100**

SL	<b>Description of the Syllabus</b>
1.	Paper I Unit : 7 – 11 Question Items: a) MCQ ((Q#1A) b) Open - ended Questions (Q#1B) c) Flow Chart (Q#2) d) Completing Table (Q#2) e) Writing Summary (Q#3) f) Fill in the Gaps with Clues (Q#4) g) Fill in the Gaps without Clues (Q#5) h) Rearrangement (Q#6)



2.	<p>Paper II          Question Items:</p> <ul style="list-style-type: none"> <li>a) Articles (Q#1)</li> <li>b) Use of Prepositions(Q#2)</li> <li>c) Changing Sentences (Q#6)</li> <li>d) Changing Narrative Style (Q#7)</li> <li>e) Pronoun Reference (Q#8)</li> <li>f) Use of Modifiers (Q#2)</li> <li>g) Synonyms and Antonyms: U - 1-11(Q#11)</li> </ul>
3.	<p>Writing          Paper I:</p> <ul style="list-style-type: none"> <li>a) Paragraph(Q#7)</li> <li>b) Analyzing Graphs/Charts(Q#10)</li> </ul> <p>Paper II:</p> <ul style="list-style-type: none"> <li>a) Report (Q#14)</li> <li>b) Paragraph(Q#15)</li> </ul>

**Second Term- Monthly January 2017: Paper I & II      Full Marks : 30**

<b>SL</b>	<b>Description of the Syllabus</b>
1.	<p>Paper I          Unit: 7, 8          Question Items:</p> <ul style="list-style-type: none"> <li>a) MCQ (Q#1A)</li> <li>b) Flow Chart (Q#2)</li> <li>c) Completing Table (Q#2)</li> <li>d) Fill in the Gaps with Clues (Q#4)</li> <li>e) Rearrangement (Q#6)</li> </ul>
2.	<p>Paper II          Question Items:</p> <ul style="list-style-type: none"> <li>a) Use of Prepositions (Q#2)</li> <li>b) Changing Sentences (Q#6)</li> <li>c) Pronoun Reference (Q#8)</li> <li>d) Synonyms and Antonyms: U- 7, 8 (Q#11)</li> </ul>
3.	<p>Writing:          Paper I:Paragraph (Q#7)          Paper II:Report (Q#14)</p>

**Second Term- Monthly February 2017: Paper I & II      Full Marks : 30**

<b>SL</b>	<b>Description of the Syllabus</b>
1.	<p>Paper I          Unit : 9,10,11          Question Items:</p> <ul style="list-style-type: none"> <li>a) Open-ended Questions (Q#1B)</li> <li>b) Fill in the Gaps without Clues(Q#5)</li> <li>c) Writing Summary(Q#3)</li> </ul>



2.	<p>Paper II</p> <p>Question Items:</p> <ul style="list-style-type: none"> <li>a) Articles(Q#1)</li> <li>b) Changing Narrative Style(Q#7)</li> <li>c) Use of Modifiers(Q#9)</li> <li>d) Synonyms and Antonyms:U-9-11(Q#11)</li> </ul>
3.	<p>Writing:</p> <p>Paper I: Analyzing Graphs/Charts(Q#10)</p> <p>Paper II: Paragraph(Q#15)</p>

তৃতীয় পর্ব (দ্বাদশ শ্রেণি)  
tqqr' Kvj : Gicj 2017 - AvM÷ 2017  
tqjU tkjY KvjhW em - 75

## **Third Term Examination: Paper I & II**

Full Marks : 60

Third Term Examination: Paper I & II		Full Marks : 60
SL	Description of the Syllabus	
1.	Paper I Unit: 12-15 Question Items: a) MCQ (Q#14) b) Open-ended Questions (Q#1B) c) Flow Chart (Q#2) d) Completing Table (Q#2) e) Fill in the Gaps with Clues (Q#4) f) Fill in the Gaps without Clues (Q#5) g) Rearrangement (Q#6)	
2.	Paper II Question Items: a) Use of Prepositions (Q#2) b) Completing Gaps with Special Use of Words/Phrases (Q#3) c) Completing Sentences using Clauses/Phrases (Q#4) d) Changing Narrative Style (Q#7) e) Pronoun Reference (Q#8) f) Sentence Connectors (Q#10) g) Punctuation (Q#2) h) Synonyms and Antonyms:U 12-15 (Q#2)	
3.	Writing Paper I a) Paragraph (Q#7) b) Completing Stories (Q#8) c) Analyzing Graphs/Charts (Q#10) d) Writing Themes of Stories/Poems (Q#11)  Paper II a) Report (Q#14) b) Paragraph (Q#15) c) Composition (Q#16)	



**Third Term- Monthly June 2017: Paper I & II**

**Full Marks : 30**

<b>SL</b>	<b>Description of the Syllabus</b>
1.	Paper I Unit: 12, 13 Question Items: a) MCQ (Q#1A) b) Flow Chart (Q#2) c) Completing Table (Q#10) d) Fill in the Gaps with Clues (Q#4)
2.	Paper II Question Items: a) Completing Sentences using Clauses/Phrases (Q#4) b) Sentence Connectors (Q#10) c) Punctuation (Q#12) d) Synonyms and Antonyms: U-12, 13(Q#4)
3.	Writing Paper I a) Completing Stories (Q#8) b) Analyzing Graphs/Charts (Q#10) Paper II a) Composition(Q#16)

**Third Term- Monthly July 2017: Paper I & II**

**Full Marks : 30**

<b>SL</b>	<b>Description of the Syllabus</b>
1.	Paper I Unit: 14,15 Question Items: a) Open- ended Questions (Q#1B) b) Fill in the Gaps without Clues (Q#5) c) Rearrangement (Q#6)
2.	Paper II Question Items: a) Use of Prepositions (Q#2) b) Completing Gaps with Special Use of Words/Phrases (Q#3) c) Changing Narrative Style (Q#7) d) Pronoun Reference (Q#8) e) Synonyms and Antonyms: U-14, 15 (Q#11)
3.	Writing Paper I a) Paragraph (Q#7) b) Writing Themes of Stories/Poems (Q#11) Paper II a) Report (Q#14) b) Paragraph (Q#15)



**চতুর্থ পর্ব (দ্বাদশ শ্রেণি)**

**tgqwr Kyj : tmtPw 2017 - btfw 2017  
tgwU tkwY Kwhw em - 46**

**Fourth Term Examination: Paper I & II**

**Full Marks : 100**

<b>SL</b>	<b>Description of the Syllabus</b>
1.	Paper I Unit 1-15 Question Items : All
2.	Paper II Question Items : All

**পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)**

**tgqwr Kyj : Wtmw 2017 - tdeqwi 2018  
tgwU tkwY Kwhw em - 43**

**Fifth Term Examination : Paper I & II**

**Full Marks : 100**

<b>SL</b>	<b>Description of the Syllabus</b>
1.	Paper I Unit 1-15 Question Items : All
2.	Paper II Question Items : All



## ē'emvq msMvb | ē'ē'lcbv

ଜ୍ୟ ବୁଦ୍ଧ ପତ୍ର

## ପ୍ରଥମ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣୀ)

tgqv` Kyj : Rj vB 2016 - btfୟ 2016

tgvU tkiY Kvhୟ em - 89

c̄g cēcix̄vi mgusZ wntj evm

cYgb : 60

## c̄g c̄t

c̄g Aāvq : ē'emvq i tḡij K avi Yv

1| ē'emvq i avi Yv

2| ē'emvq Avl Zv: uktí i ^eukó" | c̄Kvi tf̄, ewYtR"i ^eukó" |  
c̄Kvi tf̄, c̄Z"l tmevi ^eukó" | c̄Kvi tf̄3| evsj vt̄ tk i ē'emvq Avl Zv wntmte uki, ewYR" | c̄Z"l tmevi mgm" | m̄tebv  
4| mgwRK ē'emvq avi Yv

5| ē'emvq Kvhୟ

6| ē'emvq , i "Zi

7| A\_%wZK Dbqtb ē'emvq Ae`vb

8| RweKv ARbi Dcvq wntmte ē'emvq

wZxq Aāvq : ē'emvq cwi tek

1| ē'emvq cwi tek i avi Yv

2| ē'emvq cwi tek i Dcv`vb: c̄KwZK cwi tek. A\_%wZK cwi tek,  
mgwRK cwi tek, m̄wZK cwi tek, iR%wZK cwi tek, agq cwi tek,  
AvBbMZ cwi tek, ch̄wMZ cwi tek

3| ē'emvq Dci cwi tek i Dcv`vb, t̄j vi c̄fve

4| evsj vt̄ tk ē'emvq cwi tek

5| evsj vt̄ tk ē'emvq cwi tek Dbqtb i mgm"

6| evsj vt̄ tk ē'emvq cwi tek Dbqtb i mgm" mgvatbi Dcvq

ZZxq Aāvq : GKgwj Kvbx ē'emvq

1| gwj Kvbx wf̄E‡Z ē'emvq i avi Yv

2| GKgwj Kvbx ē'emvq: avi Yv, ^eukó", , i "Zi Dch̄w t̄p̄i, en`vqZb  
ē'emvq cwkicwK GKgwj Kvbx ē'emvq uK \_vKvi Kvi Y

## wZxq c̄t

c̄g Aāvq : ē'ē'lcbvi avi Yv

1| ē'ē'lcbvi avi Yv

2| ē'ē'lcbvi DrciE | μgweKik



- 3 | ēē-̄cbvi i "Zj
- 4 | ēē-̄cbvi Kuh̄ewij
- 5 | ēē-̄cbvi Avl Zv
- 6 | ēē-̄cbvi Pμ
- 7 | ēē-̄cbvi newfbǣ-
- 8 | ēē-̄cbvi wK GKwU tckv?
- 9 | ēē-̄cbvi mveRbxbZv

ଠZxq Aāvq : ēē-̄cbv b̄wZ

- 1 | ēē-̄cbv b̄wZi avi Yv
- 2 | ēē-̄cbvi b̄wZ ev Av`k̄ngn
- 3 | Gd W̄el tUBj i l tnbw i tdqfj i Ae`vb
- 4 | Av`k̄ē-̄ct̄ki `¶Zv, Mynewj I f̄wgKv
- 5 | ēē-̄cbv l c̄k̄vmb
- 6 | evsj v̄t̄k ēē-̄cbvi mgm̄v

gwmK cix̄l̄v- AAM÷ 2016 Gi wnt̄j ewm

cYgb : 30

c̄g c̄t	c̄g Aāvq : ēemv̄t̄qi tḡw̄j K avi Yv
ଠZxq c̄t	ଠZxq Aāvq : ēē-̄cbvi avi Yv

gwmK cix̄l̄v- At̄sevi 2016 Gi wnt̄j ewm

cYgb : 30

c̄g c̄t	ଠZxq Aāvq : ēemv̄q c̄wi tek
ଠZxq c̄t	ଠZxq Aāvq : ēē-̄cbv b̄wZ

### ଦ୍ୱିତୀୟ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣି)

tgqv` Kyj : ମଧ୍ୟମୀତି 2016 - ୨୦୧୭  
tgvU tk̄Y Kvh̄w em - 82

ଠZxq cēcix̄l̄vi mgus̄Z wnt̄j ewm

cYgb : 100

c̄g c̄t

- PZL\_Aāvq : Askx` wi ēemv̄q
- 1 | Askx` wi ēemv̄q: ^ewlkó, MVb c̄wv̄j x, myear l mxgve×Zv, c̄kvi tf̄` ,  
Pw̄c̄t̄ - bḡbv l weIqē` , wbeÜb c̄wZ, wbeÜb bv Kivi c̄wi Yvg,  
Askx` vi tf̄` i ai b, Askx` vi tf̄` i thw̄Zv, wetj vc mwab c̄p̄qv
  - 2 | evsj v̄t̄k Askx` wi ēemv̄t̄qi Ae`vb
- c̄Ag Aāvq : th̄\_gj abx ēemv̄q
- 1 | th̄\_gj abx ēemv̄t̄qi avi Yv
  - 2 | tKv̄w̄ub msMVb: avi Yv, ^ewlkó, , i "Zj tk̄Yief̄M, myear l mxgve×Zv



## cWμg wb̄m

- 3 | tKv̄úwb msMV̄tbi MVb c̄Vj x: - ſi Kvj w̄c/cw̄i tgj eÜ - avi Yv, weIqe-,  
i "Zj I bgjpv, - ſi Kvj w̄c i cw̄i eZb, msNw̄ela/cw̄i tgj wbqgvewj avi Yv I  
weIqe-, weei Yc̄t -avi Yv I weIqe-, weei Yc̄t̄ i weKí weewjZ
- 4 | tKv̄úwb msMV̄tbi webeÜbc̄t - avi Yv I bgjpv
- 5 | Kv̄hR̄ t̄x Abgv̄Zc̄t
- 6 | tKv̄úwb gj ab: msM̄ni Drm, tkqvi I Gi c̄Kvi tf̄, FYc̄t I Gi c̄Kvi tf̄
- 7 | tKv̄úwb msMV̄tbi weIj vc mvab
- 8 | evsj vt̄ tk tKv̄úwb msMV̄tbi eZ@b Ae`v I fweI Z m̄tebv
- 9 | mw̄úwZKKvt̄j i e"emvq - (ew̄qs nv̄DR, gv̄P@Ww̄Bw̄Rs, ÷K G. t̄PÄ, ¶i a  
FY, weKvk, AvDUtm̄m̄s e"emvq, Ww̄Uv Gw̄Ue"emvq, Kj tm̄Uvi, Kui qvi  
mw̄fñ, gw̄bM̄g, mdw̄l qvi Dbq̄b, tgvevBj mw̄fñs, K̄uúDUvi I  
d̄t̄UvKvc mw̄fñ)

### Iô Aa"vq : mgevq mgv̄Zi

- 1 | mgevq mgv̄Zi avi Yv I Bw̄Znm: ^eikó", bw̄Zgvj v, MVb c̄Vj x, c̄Kvi tf̄
- 2 | evsj vt̄ tk i Ay"mgv̄RK Dbq̄t̄b mgevq mgv̄Zi Ae`vb
- 3 | mgevq mgv̄Zi Dbq̄t̄b evsj vt̄ tk i c̄j.x Dbq̄b teW^eW^ I mgevq  
GKv̄t̄Wgi Ae`vb
- 4 | evsj vt̄ tk mgevq weKv̄tk mgm̄v
- 5 | evsj vt̄ tk mgev̄qi mgm̄v `ixKi t̄Yi Dcvq
- 6 | mgev̄qi gva"tg mdj nevi Kvn̄bx

## w̄Zxq c̄t̄

### ZZxq Aa"vq : cw̄i Kí bv c̄Vqb I w̄mxv̄S-M̄öY

- 1 | cw̄i Kí bv i avi Yv
- 2 | cw̄i Kí bv ^eikó"
- 3 | cw̄i Kí bv j ¶"
- 4 | cw̄i Kí bv c̄Vq̄tbi avc
- 5 | cw̄i Kí bv c̄Kvi tf̄
- 6 | cw̄i Kí bv i "Zj
- 7 | DËg cw̄i Kí bv ^eikó"
- 8 | Df̄i k" I cw̄i Kí bv
- 9 | w̄mxv̄S-M̄öYi avi Yv
- 10 | w̄mxv̄S-M̄öYi mnvqZvKvi x Dcv` vb
- 11 | w̄mxv̄S-M̄öY c̄uqv
- 12 | w̄mxv̄S-M̄öYi t̄¶i t̄¶i wefeP" weIq
- 13 | w̄mxv̄S-M̄öY I ev"evq̄tbi t̄¶i t̄¶i mgm̄v I mgvavb



**PZ<sub>L</sub> @Aa<sup>u</sup>q : msM<sub>W</sub>ZKiY**

- 1| msM<sub>W</sub>ZKiY | msMV<sup>u</sup>bi avi Yv
- 2| Av` k<sup>u</sup>msMV<sup>u</sup>bi ^eukó"
- 3| msM<sub>W</sub>ZKiY | msMV<sup>u</sup>bi \_i "Zi
- 4| msMV<sup>u</sup>bi bwZgyj v
- 5| msM<sub>W</sub>b KvV<sup>u</sup>gvi avi Yv
- 6| msM<sub>W</sub>b KvV<sup>u</sup>gvi cKvi<sup>u</sup>f
- 7| msM<sub>W</sub>b KvV<sup>u</sup>gvi c<sup>u</sup>q<sup>u</sup>bi we<sup>u</sup>eP" weI q

**cĀg Aa<sup>u</sup>q : Kg<sup>u</sup>ms<sup>u</sup>ib**

- 1| Kg<sup>u</sup>ms<sup>u</sup>ib | gybem<sup>u</sup>ú` i avi Yv
- 2| Kg<sup>u</sup>msM<sub>W</sub>
- 3| Kg<sup>u</sup>ibeP<sup>u</sup>b c<sup>u</sup>wZ
- 4| Kg<sup>u</sup>ib<sup>u</sup>q<sup>u</sup>M | c<sup>u</sup>K<sup>u</sup>Y

**gwmK cix<sup>u</sup>v - Rvby<sup>u</sup>wi 2017 Gi wntj evm**

**cY<sup>u</sup>ib : 30**

<b>c<sup>u</sup>g c<sup>u</sup>l</b>	PZ <sub>L</sub> @Aa <sup>u</sup> q : Ask <sup>u</sup> r <sup>u</sup> wi e <sup>u</sup> emvq
	cĀg Aa <sup>u</sup> q : tKy <sup>u</sup> mb msM <sub>W</sub> b
<b>WZxq c<sup>u</sup>l</b>	ZZxq Aa <sup>u</sup> q : cwi K <sup>u</sup> i bv c <sup>u</sup> qb   wmxvS-MöY

**gwmK cix<sup>u</sup>v - tde<sup>u</sup>qwi 2017 Gi wntj evm**

**cY<sup>u</sup>ib : 30**

<b>c<sup>u</sup>g c<sup>u</sup>l</b>	6ô Aa <sup>u</sup> q : mg <sup>u</sup> eq mg <sup>u</sup> iz
	4_ @Aa <sup>u</sup> q : msM <sub>W</sub> ZKiY
<b>WZxq c<sup>u</sup>l</b>	5g Aa <sup>u</sup> q : Kg <sup>u</sup> ms <sup>u</sup> ib

**তৃতীয় পর্ব (দ্বাদশ শ্রেণি)**

**tgqv` Kyj : Gw<sup>u</sup> 2017 - AwM<sup>u</sup> 2017**

**tgvU tk<sup>u</sup>Y Kvh<sup>u</sup> em - 75**

**ZZxq ce<sup>u</sup>cix<sup>u</sup>v i mg<sup>u</sup>sz wntj evm**

**cY<sup>u</sup>ib : 60**

**c<sup>u</sup>g c<sup>u</sup>l**

**mB<sup>u</sup>g Aa<sup>u</sup>q: i vó<sup>u</sup>q e<sup>u</sup>emvq**

- 1| i vó<sup>u</sup>q e<sup>u</sup>emvq Gi avi Yv: %ekó", D<sup>u</sup>l k", myeav | Amyeav
- 2| evsj v<sup>u</sup> k i vó<sup>u</sup>q e<sup>u</sup>emvqi cwi PwZ-l qmv, W<sup>u</sup>K wef<sup>u</sup>M, evsj v<sup>u</sup> k tij l tq, evsj v<sup>u</sup> k i v<sup>u</sup>mvq<sup>u</sup>bK w<sup>u</sup>kí ms<sup>u</sup> v, evsj v<sup>u</sup> k moK cwi enb ms<sup>u</sup> v, evsj v<sup>u</sup> k ch<sup>u</sup>eb K<sup>u</sup>c<sup>u</sup>ikb, weuUue, evsj v<sup>u</sup> k wP<sup>u</sup>b | Lv<sup>u</sup> w<sup>u</sup>kí ms<sup>u</sup> v



- 3 | evsj v̄` tk i v̄lq ē emv̄tqi th̄ši<sup>3</sup>KZv  
 4 | evsj v̄` tk i v̄lq ē emv̄tqi Aē`vb I Av̄\_mvgwRK Dbq̄tb Aē`vb  
 5 | mi Kwi temi Kwi Askx` vi xZj w̄fEK ē emv̄q

- Aóg Aāv̄q:** ē emv̄tqi AvBbMZ w̄ K  
 1 | ē emv̄tqi newfbœAvBbMZ w̄ K  
 2 | tctUU AvBb-avi Yv, myeav, ti RW÷<sup>2</sup>Kivi c×wZ  
 3 | tuW gvK<sup>2</sup>AvBb - avi Yv I myeav  
 4 | KicivBU AvBb - avi Yv, ēnkō̄, ibeÜb, f½ Kivi cwi YwZ  
 5 | negvi avi Yv  
 6 | ē emv̄tq negvi c̄qRbxqZv  
 7 | negv Kivi c̄qZv  
 8 | cwi tek AvBb I ē emv̄q; ē emv̄q c̄Zövb KZR cwi tek `+Y (kā `+Y,  
 evq~ `+Y, cwb `+Y, gwU `+Y)  
 9 | AvB Gm I (ISO) avi Yv I , i "Zi  
 10 | we Gm wU AvB avi Yv I Kv̄hewj

**beg Aāv̄q:** ē emv̄tq mnvqK tmev

- 1 | mnvqK tmevi avi Yv I c̄Kvi tf̄  
 2 | mnvqK tmevi Drm: evsj v̄` k P̄i<sup>2</sup>I K̄iUi w̄kí ms̄`v t\_‡K c̄B mnvqZv,  
 ewYR<sup>2</sup>K ē vsK, t̄j v t\_‡K c̄B mnvqZv, temi Kwi ms̄`v t\_‡K c̄B  
 mnvqZv, w̄kí I ewYK mvgwZ Ges newRGgBG t\_‡K c̄B mnvqZv, i BwB  
 Dbqb ej̄tiv t\_‡K c̄B mnvqZv  
 3 | ē emv̄tq mnvqZv` vbKwi AvÄij K I AvšR<sup>2</sup>ZK ms̄`v, t̄j vi cwi PwZ,  
 f̄gKv I Kv̄hewj (mvCv, AwkqvB, negmtUK, wek<sup>2</sup>ewYR<sup>2</sup> ms̄`v,  
 BD‡i w̄cq BDibqb)

### w̄Zxq c̄†

**lō Aāv̄q :** tbZZj

- 1 | tbZ‡Zj avi Yv  
 2 | tbZ‡Zj , i "Zj  
 3 | tbZ‡Zj c̄Kvi tf̄  
 4 | Av` k<sup>2</sup>bZvi , Yvewj  
 5 | tbZvi Kv̄hewj  
 6 | tbZ‡Zj weKv‡k mgm<sup>2</sup>v I `+xKi‡Yi Dcvq  
 7 | wb‡`Rbvi avi Yv  
 8 | wb‡`Rbvi , i "Zj  
 9 | ciwgk@j K wb‡`Rbvi avi Yv  
 10 | ciwgk@j K wb‡`Rbvi , i "Zj  
 11 | ciwgk@j K wb‡`Rbvi myeav I mxgve<sup>2</sup>Zv



**mBg Aāvq: tc̄ Yv**

- 1 | tc̄ Yvi avi Yv
- 2 | tc̄ Yvi ^eikō
- 3 | tc̄ Yv Pμ
- 4 | tc̄ Yvi i "Zi
- 5 | Kḡ` i tc̄ Yv `vbi Dcvq
- 6 | tc̄ Yvi ZEj (gvmtj v I nvR̄vM P tc̄ YvZEj)
- 7 | Kḡ` i tc̄ Yv `vbi tPfī c̄ZeÜKZv I c̄ZKvi

**Aóg Aāvq: thwMvthwM**

- 1 | thwMvthwMi avi Yv
- 2 | thwMvthwMi c̄vq
- 3 | ēemvq thwMvthwMi i "Zi
- 4 | ēemvq thwMvthwMi c̄Kvi f̄: wj wLZ thwMvthwM, tḡLK thwMvthwM
- 5 | thwMvthwMi Kvhewj
- 6 | KvhRi thwMvthwMi ct\_ c̄ZeÜKZv
- 7 | ēemvq thwMvthwM Z\_ I thwMvthwM c̄vq i ēenvi (d̄v\_, B̄Uvi tbU, B̄gBj, tUj KbdvI Y, tḡevBj, tPf̄ evZP(Gm Gg Gm)

**gwmK cixTl- Rj 2017 Gi vmtj evm**

**cYgb : 30**

<b>c̄g c̄t</b>	7g Aāvq : i vóiq ēemvq
<b>wZxq c̄t</b>	6ô Aāvq : tbZZj I vbt` Rbv

**gwmK cixTl- Rj vB 2017 Gi vmtj evm**

**cYgb : 30**

<b>c̄g c̄t</b>	8g Aāvq : ēemvqi AvBbMZ w K
<b>wZxq c̄t</b>	7g Aāvq : tc̄ Yv

**চতুর্থ পর্ব (দ্বাদশ শ্রেণি)**

**tḡqv` Kvj : tmtP̄t 2017 - btf̄t 2017**

**tḡvU tk̄vY Kvh̄v em - 46**

**PZL©ce©cixTlvi mgvSZ vmtj evm**

**cYgb : 100**

**c̄g c̄t**

- kg Aāvq: ēemvq Df̄ wM**
- 1 | Df̄ vMi avi Yv I μgielKvk
  - 2 | ēemvq Df̄ vMi ^eikō I Kvhewj
  - 3 | mdj Df̄ v̄3vi Yvewj
  - 4 | AvZv̄ekl tYi gvātg Df̄ v̄3vi Yvewj mbv̄3KiY



- 5 | ēemvq Df̄ `WM Mto DVvi AbKj cwi tek  
 6 | AvZKgms̄ `vb I Df̄ `v̄Mi ms̄úK<sup>©</sup>  
 7 | Av\_ `mgwRK Dbq̄tb ēemvq Df̄ `v̄Mi Ae`vb  
 8 | evsj v̄t̄k ēemvq Df̄ `WM Dbq̄tb mgm̄v Ges Zv̄ `fxKi t̄Yi Dcvq  
 9 | evsj v̄t̄ki mdj Df̄ `v̄3v̄t̄ i ms̄uP̄B cwi P̄Z : RvZxq chq̄qi mdj  
 Df̄ `v̄3v̄ (iYv̄ c̄hv̄ m̄nv̄, W. t̄nwt̄b Aviv t̄eMg -WGGmGm),  
 AvÄwj K chq̄qi mdj AvZKgms̄ `vbKvix I mdj Df̄ `v̄3v̄ Kwnbx (Kwl,  
 grm, t̄WBvi , bwm̄i , Kuli v̄ki )  
 10 | evsj v̄t̄ki ēemvq bvix Df̄ `v̄3v̄: avi Yv̄, mdj Zvi Kwnbx, mi Kvi cō E  
 m̄thwM myav

GKv̄ k Aa`vq: ēemvq Z\_` I thwMv̄thwM chq̄v̄3 i ēenvi  
 1 | ēemvq Z\_` I thwMv̄thwM chq̄v̄3 i avi Yv̄  
 2 | ēemvq Z\_` I thwMv̄thwM chq̄v̄3 i c̄qv̄RbxqZv̄  
 3 | ēemvq Z\_` I thwMv̄thwM chq̄v̄3 i ēenvi: Abj vBb ēemvq, B Kgym<sup>©</sup>  
 B weRt̄bm, B gvt̄Kl̄s, B vi t̄UBw̄j s, B ēvsuks, t̄WeU Kwl<sup>©</sup> t̄muwu Kwl<sup>©</sup>  
 tgvevBj ēvsuks

Øv̄ k Aa`vq: ēemvq `bñZKZv̄ I mgwRK `vqe×Zv̄  
 1 | ēemvqK gj̄ t̄eva I `bñZKZvi avi Yv̄  
 2 | ēemvqK gj̄ t̄eva I `bñZKZvi c̄qv̄RbxqZv̄  
 3 | ēemvqj mgwRK `vqe×Zvi avi Yv̄  
 4 | ēemvqj mgwRK `vqe×Zvi , i "Zj̄  
 5 | ēemvqj mgwRK `vqZj̄  
 6 | cwi tek ms̄uP̄Y I ēemvq: ēemvqK Kvi t̄Y cwi tek `t̄t̄Yi c̄fve,  
 cwi tek ms̄uP̄t̄Y euYK mgwZ / ēemvq ms̄MVbmgt̄ni `vqZj̄  
 7 | mgwRK `vqe×Zvi Ask wnt̄mte wewfbaēemvq c̄Zov̄tbi MjñZ Kvh<sup>©</sup>ig  
 8 | ēemvqK `bñZKZv̄ ms̄úKZ mgwZ t̄ZK weI qvevij  
 9 | Lv̄ ` ms̄uP̄t̄Y wewfbaēvñqubK ēen̄ti i Kd̄j  
 10 | P̄wZKvi K cwi w\_b Drcv̄`b I ēen̄ti i Kd̄j  
 11 | Lv̄ ` Drcv̄`b I ms̄uP̄t̄Y i vñqubK ēen̄ti mZKZv̄ I Ki Yxq

100% c1

**beg Aa̚vq: mqšq mwab**

- |   |                                      |
|---|--------------------------------------|
| 1 | mgšq mvaṭbi avi Yv                   |
| 2 | mgšq mvaṭbi b̄wZ                     |
| 3 | mgšq mvaṭbi i "Zi                    |
| 4 | KuH̄Ri mgšṭqi Dcvq/cerZ <sup>c</sup> |



1	ibqštYi avi Yv
2	ibqštYi ^eikó
3	ibqštYi , i "Zi
4	ibqštYi bwZgyj v
5	ibqštYi c`‡lc
6	ibqštYi tKškj
7	e emvq cÖÖvfbewfbacKvi ibqšy

**পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)**

**tgqv` Kvj : ২০১৭ - ২০১৮  
tgvU tkhY Kvh@ em - 43**

**cĀg ce©cixṇvi mgwśZ mntj evm**

**cY@b : 100**

**wifD Km | cixṇv**



## **ମନ୍ତ୍ରମୁଖୀଙ୍କ ଅଧ୍ୟାତ୍ମିକ ପରୀକ୍ଷା**

### **୧ମ ଓ ୨ୟ ପତ୍ର**

#### **ପ୍ରଥମ ପରୀକ୍ଷା (ଏକାଦଶ ଶ୍ରେଣୀ)**

**ତାରିଖ : Rj ଜାନୁଆରୀ 2016 - ଡିସେମ୍ବର 2016**

**ପତ୍ର ନଂ : ୧୫୩୮୯**

#### **ବିଭାଗ ଚାରିତ୍ର୍ୟାବଳୀ ମଧ୍ୟରେ ମହିନେ ମହିନେ**

**cୟାଲେବ୍ : 60**

- |   |                            |
|---|----------------------------|
| 1) ମନ୍ତ୍ରମୁଖୀଙ୍କ ଅଧ୍ୟାତ୍ମିକ ପରୀକ୍ଷା     | 4) ତିଲ ପାନୀ                |
| 2) ମନ୍ତ୍ରମୁଖୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା | 5) ମନ୍ତ୍ରମୁଖୀଙ୍କ ବାନ୍ଦଗ୍ରୀ |
| 3) ବାନ୍ଦଗ୍ରୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା  | 6) ଏକାଦଶ ଶ୍ରେଣୀ ପରୀକ୍ଷା    |

#### **ଗ୍ରହିକ ଚାରିତ୍ର୍ୟାବଳୀ - 2016 ଗିରି ମହିନେ**

**cୟାଲେବ୍ : 30**

- |                                     |   |
|-------------------------------------|---|
| 1) ମନ୍ତ୍ରମୁଖୀଙ୍କ ଅଧ୍ୟାତ୍ମିକ ପରୀକ୍ଷା | 2) ମନ୍ତ୍ରମୁଖୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା |
|-------------------------------------|---|

#### **ଗ୍ରହିକ ଚାରିତ୍ର୍ୟାବଳୀ - ଅଧିକାରୀ 2016 ଗିରି ମହିନେ**

**cୟାଲେବ୍ : 30**

- |  |                            |
|--|----------------------------|
| 1) ବାନ୍ଦଗ୍ରୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା | 3) ମନ୍ତ୍ରମୁଖୀଙ୍କ ବାନ୍ଦଗ୍ରୀ |
| 2) ତିଲ ପାନୀ                            | 4) ଏକାଦଶ ଶ୍ରେଣୀ ପରୀକ୍ଷା    |

#### **ଦ୍ୱିତୀୟ ପରୀକ୍ଷା (ଏକାଦଶ ଶ୍ରେଣୀ)**

**ତାରିଖ : ମେଜାରୀ 2016 - ଜୁଲାଇ 2017**

**ପତ୍ର ନଂ : ୧୫୩୮୨**

#### **ବିଭାଗ ଚାରିତ୍ର୍ୟାବଳୀ ମଧ୍ୟରେ ମହିନେ ମହିନେ**

**cୟାଲେବ୍ : 100**

- |  |   |
|--|---|
| 1) GK ମନ୍ତ୍ରମୁଖୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା | 4) GK ମନ୍ତ୍ରମୁଖୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା          |
| 2) କିଛି                                    | 5) gRୟ ଚିଠି ମନ୍ତ୍ରମୁଖୀଙ୍କ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା |
| 3) କିନ୍ତୁ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା        |   |

#### **ଗ୍ରହିକ ଚାରିତ୍ର୍ୟାବଳୀ - ରୁପ୍ୟାବଳୀ 2017 ଗିରି ମହିନେ**

**cୟାଲେବ୍ : 30**

- |  |         |
|--|---------|
| 1) GK ମନ୍ତ୍ରମୁଖୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା | 2) କିଛି |
|--|---------|

#### **ଗ୍ରହିକ ଚାରିତ୍ର୍ୟାବଳୀ - ତତ୍ତ୍ଵାବଳୀ 2017 ଗିରି ମହିନେ**

**cୟାଲେବ୍ : 30**

- |  |   |
|--|---|
| 1) କିନ୍ତୁ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା        | 3) gRୟ ଚିଠି ମନ୍ତ୍ରମୁଖୀଙ୍କ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା |
| 2) GK ମନ୍ତ୍ରମୁଖୀ ଏବଂ ମନ୍ତ୍ରମୁଖୀଙ୍କ ପରୀକ୍ଷା |   |



**তৃতীয় পর্ব (দ্বাদশ শ্রেণি)**  
**tgqv` Kvj : GiCj 2017 - AwM÷ 2017**  
**tgvU tkIY Kvhq` em - 75**

**ZZsq ce°CixPvi mgwSZ mtj evm**

**cYgb : 60**

- |                           |                                       |
|---------------------------|---------------------------------------|
| 1) Ae“emwqz cÖZövbi wnmve | 4) e“vsK mgšq weei Yx                 |
| 2) Askx` wi e“emvqz wnmve | 5) thš_ gj abx tKvqúvbxz Aw_R weei Yx |
| 3) Drcv` b e“q wnmve      |                                       |

**gwMK cixPv- Rj 2017 Gi mtj evm**

**cYgb : 30**

- |                           |                      |
|---------------------------|----------------------|
| 1) Ae“emwqz cÖZövbi wnmve | 3) Drcv` b e“q wnmve |
| 2) Askx` wi e“emvqz wnmve |                      |

**gwMK cixPv- Rj vB 2017 Gi mtj evm**

**cYgb : 30**

- |                      |                                       |
|----------------------|---------------------------------------|
| 1) e“sK mgšq weei Yx | 2) thš_ gj abx tKvqúvbxz Aw_R weei Yx |
|----------------------|---------------------------------------|

**চতুর্থ পর্ব (দ্বাদশ শ্রেণি)**

**tgqv` Kvj : tmPb 2017 - btPb 2017**  
**tgvU tkIY Kvhq` em - 46**

**PZL ce°CixPvi mgwSZ mtj evm**

**cYgb : 100**

- |                                |                               |
|--------------------------------|-------------------------------|
| 1) Aw_R weei Yx wekIY (AbcVZ)  | 4) GKZidv `wLj v cxiZ         |
| 2) bM` cÖvn weei Yx            | 5) e“e“vcbv wnmveAvb cwi wPbz |
| 3) thš_ gj abx tKvqúvbxz gj ab |                               |

**পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)**

**tgqv` Kvj : Wtmb 2017 - tdeqwi 2018**  
**tgvU tkIY Kvhq` em - 43**

**cAg ce°CixPvi mgwSZ mtj evm**

**cYgb : 100**

**wiwfD Km | cixPv**



## Z\_'' I thwMvthwM cōy3 (ICT)

প্রথম পর্ব (একাদশ শ্রেণি)

tgqr` Kyj : Rj vB 2016 - btfp 2016  
tgvU tkhV KvhW em - 89

cōg ceccixivi mgvSZ vntj evm

cYgvb : 60

cōg Aaāq : Z\_'' I thwMvthwM cōy3 : nek; I eisj ut' k tcñZ (10 nciqW)

Information and Communication Technology: World and Bangladesh Perspective

- nekMgi avi Yv (Concept of Global Village) : thwMvthwM, Kgns~vb, lkTiv, PvKrmv, MteI Yv, Andm, evm~vb, eemvewYR, msev, nefbv` b I mgvwRK thwMvthwM, mvs~nZK nefbgq
- fIPqj vi tqij wJ (Virtual Reality) cōZinK Rxetb fIPqj vi tqij wJ i cfive
- Z\_'' I thwMvthwM cōy3 i mrcñZ ceyZv (Contemporary trends of ICT) : Awlwdmoyj BbtUvj tRY (Artificial Intelligence), tiweiUKm (Robotics), jufqmvRm (Cryosurgery), gnvKvk Awfhub (Space Exploration), AvBimwJ wfP Drcv` b e'e~t (ICT dependent Production), cIZi Tiv (Defense), evtqvtgwJ (Biometrics), evtqBbdigwJ (Bioinformatics), tRtbvUK BwAbqwi s (Genetic Engineering), bvtbv tUKtbv wR (Nanotechnology)
- Z\_'' I thwMvthwM cōy3 eenvi bñZKZv
- mgvR Rxetb Z\_'' I thwMvthwM cōy3 i cfive
- Z\_'' I thwMvthwM cōy3 Ges A\_%nZK Dbqj

WZiq Aaāq : KngDibtKkb vmt÷gm I tbUI qmKq (22 nciqW)

Communication Systems and Networking

- KngDibtKkb vmt÷g (Communication System) : KngDibtKkb vmt÷gi avi Yv, tWUv KngDibtKkbi avi Yv, e'vU DBW\_ (Band width), tWUv UtYngkb tg\_W (Data transmission method), tWUv UtYngkb tgW (Data transmission mode)
- tWUv KngDibtKkb gva'g (Medium of data communication) : Zvi gva'g (Wired), tKv-Gv qvj (Co-axial), UBt÷W tcqvi (Twisted pair), AcwUKvij dvBevi (Optical fiber).
- Zvi wenxb gva'g (Wireless) : tWU I tqf (Radio wave), gVBtμvI tqf (Microwave)



- I q̄vi t̄j m K̄gD̄b t̄Kkb w̄t̄g (Wireless communication System) : I q̄vi t̄j m K̄gD̄b t̄Kk t̄bi c̄hv RbxqZv, ēUz (Bluetooth), I q̄vB-d̄vB, (Wi-fi), I q̄vB-ḡv. (Wi-Max)
  - tḡevBj thM̄thM (Mobile Communication) : newfbacRt̄bñ tḡevBj
  - K̄púDuvi tbUI q̄wks (Computer Networking) : tbUI q̄t̄Kp avi Yv (Concept of network), tbUI q̄t̄Kp D̄f̄i k̄ (Objectives of network), tbUI q̄t̄Kp c̄Kvi t̄f̄ (Types of network), tbUI q̄vKqWfvBm (Network Devices)
  - ḡt̄Wg, nve, ivDuvi, t̄MUI t̄q, mBP, NIC  
tbUI q̄t̄Kp KvR (Functions of network), tbUI q̄vKqUtcvij w̄R (Network topology), K̄DW K̄púDujs (Cloud computing) Gi avi Yv, K̄DW K̄púDujs Gi m̄eav

দ্বিতীয় পর্ব (একাদশ শ্রেণি)

ተግባኑ አካል : ወ/ሮ/ቁጥር 2016 - ጉዳታ 2017

tgvU tkY Kvh em - 82

WZxq ce<sup>c</sup>ixlvi mqwšZ wntj evm

cYgb : 100

ZZxq Aa"vq : msL"v c×W I vWvRUvj vWfvBm (30 vci qW)

## **Number Systems and Digital Devices**

- msL̄v Awevii BiZnm (History of inventing Numbers) :  
msL̄v c×Z (Number System) :  
cKvi f̄ (Classification of Number System), i"cvšt (Conversion of Number)
  - evBbwi thM, weqM (Addition and Subtraction in Binary System)
  - wPyhj<sup>3</sup> msL̄v (Signed Number), 2 Gi cwi c̄K (2` s Complement)
  - tKw (Code) :  
tKvtWi avi Yv (Concept of Code), BCD, EBCDIC, Alphanumeric code, ASCII, Unicode
  - ej qwb A"vj tReiv I wWURUvj wWfVbm (Boolean Algebra and Digital Device) :  
ej qwb A"vj tReiv (Boolean Algebra), ej qwb Dccv` (Boolean Theorem), wV gi M̄bi Dccv` (De Morgan's Theorem), mZ'K miwY (Truth Table), tḡij K tMBU (AND, OR, NOT gate), mveRbxb tMBU (Universal gate), wekI tMBU (XOR, XNOR gate), GbtKwvi (Encoder), wtkwvi (Decoder), Awvi (Adder), tivR÷vi (Register), KvDvvi (Counter)



**PZL<sub>୨</sub> ଆବଶ୍ୟକ : ଇତ୍ତିରୁବବ୍ଦ କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ ଗେସ ଏଟିମ୍ ହିଁ (16 ମାତ୍ରିକଣ)**

**Introduction to Web Design and HTML**

- ଇତ୍ତିରୁବବ୍ଦ କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ ଆବଶ୍ୟକ ଅବଧି (Concept of web page design) ଇତ୍ତିରୁବବ୍ଦ କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ (Web site structure)
- HTML ଗି ତଥା କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ (HTML basics) HTML ଗି ଆବଶ୍ୟକ (Concept of HTML), HTML ଗି ମୋହନୀୟ (Advantages of HTML), HTML ଉପରେ କ୍ଷେତ୍ର ପାଠ୍ୟ (Introduction to HTML Tags & HTML Syntax), HTML ବିକାଶ କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ (Formatting), ମହାନିଃପତ୍ର କ୍ଷେତ୍ର ପାଠ୍ୟ (Hyperlinks), ମହାନିଃପତ୍ର କ୍ଷେତ୍ର ପାଠ୍ୟ (Tables)
- ଇତ୍ତିରୁବବ୍ଦ କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ (Designing web page)
- ଇତ୍ତିରୁବବ୍ଦ କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ (Publishing a web site)

**ତୃତୀୟ ପର୍ବ (ଦ୍ୱାଦ୍ଶ ପ୍ରେଣ୍ଟିଙ୍ଗ)**

**ତାରିଖ : ଜୁଲାଇ 2017 - ଆମ୍ବଦି 2017  
ତାରିଖ କିମ୍ବା କିମ୍ବା ଏମ - 75**

**କ୍ଷେତ୍ର ପାଠ୍ୟ ମୂଲ୍ୟାଙ୍କନ ମୂଳ୍ୟାଙ୍କନ ମୂଲ୍ୟାଙ୍କନ**

**ମୂଲ୍ୟାଙ୍କନ : 60**

**cAg Aaବଶ୍ୟକ : ପ୍ରାଚୀନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (33 ମାତ୍ରିକଣ) Programming Language**

- ପ୍ରାଚୀନ ଭାଷାକୁ ଆବଶ୍ୟକ (Concept of Program)
- ପ୍ରାଚୀନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Programming Language)
- ମାଶିନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Machine Language)
- ଅସେମ୍‌ବାର୍ଯ୍ୟ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Assembly Language)
- ମିଡିଆଲ୍‌ଲେବ୍‌ଲେବ୍ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Mid Level Language)
- ହିନ୍ଦୁଲେବ୍‌ଲେବ୍ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (High Level Language) :
  - C, C++, Visual Basic, Java, Oracle, Algol, Fortran, Python
- PZL<sub>୨</sub> କ୍ଷେତ୍ର ପାଠ୍ୟ (4<sup>th</sup> Generation Language-4GL)
- ଅବଧି କ୍ଷେତ୍ର ପାଠ୍ୟ (Translator Program) :
  - କ୍ଷେତ୍ର ପାଠ୍ୟ (Compiler), ଅସେମ୍‌ବାର୍ଯ୍ୟ କ୍ଷେତ୍ର ପାଠ୍ୟ (Assembler), ବ୍ୟାକ୍‌ରିଟାର୍ କ୍ଷେତ୍ର ପାଠ୍ୟ (Interpreter)
- ପ୍ରାଚୀନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Organization of Program)
- ପ୍ରାଚୀନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Steps of Developing a Program) :
  - ଅଗ୍ରମ୍ଭମାନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Algorithm), ଫ୍ଲୋଚ୍‌ର୍ଯୁଚ୍‌ଯାର୍ଟ୍ (Flow Chart)
- ପ୍ରାଚୀନ ଭାଷାକୁ ମୂଲ୍ୟାଙ୍କନ (Program Design Model)



- ଓମ୍ବୁ ତାମୋଗ୍ସ ଫିଲ୍ସ (Programming Language-C) :  
କୋନ୍ସଟ୍ରିକ୍ସନ୍ (Concept), ଚାରିକ୍ସ (Characteristics), ପ୍ରାର୍ଥନା କରୁବିଜ୍ସ (Compiling of Programs), ପ୍ରକାରିଗ୍ୟ ମ୍ୱର୍କ୍ସ୍ (Structure of Programs)
- ତାମ୍ବୁ ଉପର୍ଦ୍ଧାତ୍ଵ (Types of Data) : ଅନ୍ତର୍ଗତ (Constant), ପରିଚାରିକା (Variables), ବେଳିକ୍ୟ ଫିଲ୍ସ (Expressions), କ୍ଷେତ୍ର କ୍ୱୀପୁ (Key word), ବ୍ୱେବ୍ସ୍ ଆପ୍ରୋକ୍ସ୍ ପାର୍ଶ୍ଵ ପାର୍ଶ୍ଵ (Input Output Statements), କ୍ରମିକା ପାର୍ଶ୍ଵ (Conditional Statement), ଲୋପ ପାର୍ଶ୍ଵ (Loop Statement), ଏରିଆ (Array), ଫଂକ୍ଷନ୍ (Function)

### ଚତୁର୍ଥ ପର୍ବ (ପ୍ରାଦଶ ପ୍ରେଣି)

ତାମ୍ବୁ କ୍ଷେତ୍ର : ମେଲ୍ଲିପାତ୍ର 2017 - ଡିସେମ୍ବର 2017  
ତାମ୍ବୁ ପର୍ବମୁଦ୍ରା - 46

PZL\_CeCixPvi mgisZ wmtj evm

cY@ub : 100

### I୦ Aaଙ୍କ : ତାମ୍ବୁଟେର ଗୃହରତ୍ରଗ୍ୟ ମନ୍ତରୀ (28ମୀନାଟ୍ୟ)

Database Management System

- ତାମ୍ବୁଟେର ଗୃହରତ୍ରଗ୍ୟ (Database Management) :  
DBMS ଗି କର (Functions of DBMS), RDBMS (Relational Database Management System), RDBMS ଗି ଚାରିକ୍ସ (Characteristics of RDBMS), RDBMS ଗି ଉଦ୍ଦେଶ୍ୟ (Uses of RDBMS)
- ତାମ୍ବୁଟେର ତାମ୍ବୁ (Creating Database): କ୍ଷେତ୍ର (Query), ମିଳିଙ୍ଗ (Sorting), ବିଭାଗ (Indexing), ତାମ୍ବୁଟେର ରିଲେସ (Database Relation), କର୍ପୋରେସନ୍ ତାମ୍ବୁଟେର (Corporate Database), ମିଲିଙ୍ଗ କାର୍ଯ୍ୟକ୍ଷେତ୍ର ତାମ୍ବୁଟେର (Database in Government Organization), ତାମ୍ବୁ ଉପକାରୀତା (Data Security), ତାମ୍ବୁ ଗ୍ରହିକା (Data Encryption)

### ପଞ୍ଚମ ପର୍ବ (ବିଶେଷ କ୍ଲାସ ପ୍ରୋଗ୍ରାମ)

ତାମ୍ବୁ କ୍ଷେତ୍ର : ମେଲ୍ଲିପାତ୍ର 2017 - ଡିସେମ୍ବର 2018  
ତାମ୍ବୁ ପର୍ବମୁଦ୍ରା - 43

cAg ceCixPvi mgisZ wmtj evm

cY@ub : 100

ବିଭାଗ କମ୍ ଲେବି



## wdb̄vY, ēvsKs | wegv

1ম ও ২য় পত্র

## প্রথম পর্ব (একাদশ প্রেলি)

tqqr` Kvj : Rj vB 2016 - btfm 2016

tgwU tkwY Kvhw em - 89

c̄g cēcixvi mgwSZ wmtj evm

cYgb : 60

## wdb̄vY Aāvq

1g Aāvq: A\_qtbi mPbv

\* A\_qtbi avi Yv

- μgjeKvk

- A\_qtbi -↑fc

\* A\_qtbi Kvhej x

- Znwej msMō

- gj ab evfRws wmxvS-

- -↑tqqr` x m¤u` ēe -vcbv

- Znwej i eEb

\* mgwóK A\_BmZi KvWtgv Ges A\_qtbi fngKv

\* A\_qtbi bwZmgn

- Zvij " I gþvclv

- SIK-gþvclv bwZ

- tcvU@ij I ^ewP̄vqtbi bwZ

\* A\_qtbi j ¶

- gþvclv mtePPKiY

- m¤u` mtePPKiY

\* mgwRK ` vqe×Zv Ges A\_qb

2q Aāvq: Aw\_R evRtii AvBbMZ w Kmgn

\* A\_@ c|R evRvi

- eÜ I BKBU evRvi

- tkqi evRvi (c̄lqbi tmtKÜwi evRvi)

\* AvBbMZ w Kmgn

- AvBb c̄lqbi c̄lqv

\* wbqSK ms -mgm

- evsj vt` k ēvsK

- wmlKDwi wJR GÜ G· tPÄ Kugkb



- Աղյօ Dպq Ges լbqšY KZ@¶
- ¶z °FY KZ@¶
- \* AvBbmgti մՏՄԲ avi Yv
- Askx` vni AvBb 1932
- tKvբնb AvBb 1994
- e"vsiKs tKvբնb AvBb 1991
- Aw\_R cōZōb AvBb 1993
- e"t' nkK լeibgq լbqšp AvBb 1947
- լmKDWi լUR GÜ G. tPÄ Aa"t' k 1969
- gwb j Üwi s cōZtiva AvBb 2002
- tbtMwiktqej Bb÷tgU AvBb
- Աղյօ AvBb 2010

### 3q Aa"vq: At\_Պ mgq gj"

- \* At\_Պ mgq gj" i avi Yv
- \* At\_Պ eZgwb gj" i avi Yv
- \* At\_Պ eZgwb gj" լbYqci cōpuqv
- \* At\_Պ fweI"r gj" i avi Yv
- \* At\_Պ fweI"r gj" լbYqci cōpuqv
- \* A"vbBüi eZgwb gj" I fweI"r gj"
- \* Phepx
- cōZeQi ev eQti GKevi
- eQti GKwaKevi
- \* FY cwi tki mP cōZKiY
- \* mt' i nvi լbYq cōpuqv

### e"vsiKs Aa"vq

#### 1g Aa"vq: e"vsiK e"e"vi cōngK avi Yv

- \* e"vsiK Gi DrceE I մՏՄԲ BwZnm
- \* A\_ՊwZK Dbqtb e"vstKi i "Zj
- \* e"vsiKs e"emvqci cōKZ I aib
- \* evsj vt' k Gi e"vsiKs e"e"v
- \* evsj vt' tki e"vsiK e"e"vi լbqšY լeavb (e"vsiK tKvբնb AvBb 1991; evtmj 2)
- \* e"vsiKvi -MöñK m"úK(e"vsiKs tmevmgm, MöñKtK Rvbv, Mvnbk AWf, At` kcT Ges AvBbmZ ¶gZv)



## cW̄μg w̄b̄m

**2q Aāvq: tK̄` k̄q ēvsK**

- \* tK̄` k̄q ēvsK
- AvI Zv
- c̄w̄ia
- Kvh̄ewij
- \* mi Kv̄ti i mv̄t\_ tK̄` k̄q ēvsK<sup>o</sup> m̄uK<sup>o</sup>
- \* Zw̄j Krf̄<sup>3</sup> ēvsKmḡni ZĒjeavqb
- \* tb̄U Bm̄-Ki Y Ges At̄\_P th̄Mb ibq̄šy
- \* tK̄` k̄q ēvsK<sup>o</sup> FY ibq̄šy c̄w̄Zmḡn
- \* ḡy t̄-evRvi ZĒjeavqb
- \* ibKukNi t Kvh̄ewij , c̄w̄Z I , i"Zi

### wegv Aāvq

**10g Aāvq: wegv m̄uK<sup>o</sup>ḡšy K avi Yv**

- \* wegvi avi Yv
- i"Zi
- ms̄w̄B Bw̄Znm
- \* SiK I Gi c̄Kvi f̄
- \* wegv ēemv̄qi gj b̄w̄Z
- \* wegv P̄<sup>3</sup>
- ēikō"
- c̄Kw̄Z
- Ac̄w̄i nh̄Dci` vb
- \* wegvi tk̄yief̄M
- \* evsj vt̄ tk̄yief̄M ēemv̄qi eZ̄yb Aē-v
- \* evsj vt̄ tk̄yief̄M ēemv̄qi ibq̄šK ms̄-v

**gwmK cix̄l̄v- Aw̄ ÷ 2016 Gi w̄t̄j ewm**

**cYgb : 30**

w̄lb̄v̄Y Aāvq	ēvsKs I wegv Aāvq
1g Aāvqt A_ P̄tbi m̄pbv	1g Aāvqt ēvsK ēē-vi c̄o_ ugK avi Yv
2q Aāvqt Aw̄_ R evRv̄ti i AvBbMZ w̄ Kmḡn	

**gwmK cix̄l̄v- At̄-vei 2016 Gi w̄t̄j ewm**

**cYgb : 30**

w̄lb̄v̄Y Aāvq	ēvsKs I wegv Aāvq
3q Aāvqt At̄_ P̄ mgq gj	2q Aāvqt tK̄` k̄q ēvsK
	10g Aāvqt wegv m̄uK <sup>o</sup> ḡšy K avi Yv



## ଦ୍ୱିତୀୟ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣି)

**tgq̄` Kyj :** ମୁହଁମ୍ବୀ 2016 - ଗ୍ରୂପ୍ 2017  
**ତଥାତଃ** KUH em - 82

ମାତ୍ରାକ୍ଷର ଚେତନାପାଇଁ ମଧ୍ୟାତ୍ମକ ମାତ୍ରାକ୍ଷର

ପର୍ଯ୍ୟନ୍ତ : 100

### ମାତ୍ରାକ୍ଷର ଅନୁଷ୍ଠାନିକ ପର୍ଯ୍ୟନ୍ତ

#### 4\_Aaଙ୍କ: Aw\_R metkIY

- \* DØEcI metkIY
- \* Avq neeiYx metkIY
- \* bM` cœn metkIY
- \* AbcVZ metkIY
- \* teK-Btfb metkIY

#### 5g Aaଙ୍କ: -f I ga`tgq̄` x A\_qbt

- \* A\_qtbi -f I ga`tgq̄` x Drmmga
- cñZōwbK
- AcñZōwbK
- \* Pj wZ mœu` eœe`lcbv
- bM` eœe`lcbv
- gRj cY` eœe`lcbv
- cœ`nej eœe`lcbv
- Pj wZ gj ab eœe`lcbv

#### 6ô Aaଙ୍କ: `Nq̄` x A\_qb

- \* eÛ
- eÛ BmjKvi x KZœ¶
- etÛi cñwb ^œukö`mgna
- etÛi cKvi tf`
- etÛi gj `ibañY
- eÛ n‡Z cñB
- etÛi eiRvi
- \* ÷K
- ÷tKi avi Yv
- ÷tKi cKvi tf`
- ÷K Bmj Kvi cñq̄
- mœavi Y ÷tKi evRvi
- AMœaKvi ÷K
- \* evsj vt` tki tkqvi evRvi Ges úkRvZi welqmgna
- \* weibtq̄M mœvS-MœtYi wbYq̄K



**ēvsIKs Aāvq**

**3q Aāvq: ewYiR̄K ēvsK**

- \* ewYiR̄K ēvs̄tKi avi Yv I „i“Zi
- \* ewYiR̄K ēvs̄tKi bwZgvj v
- \* ewYiR̄K ēvs̄tKi FY AvgvbZ mjjó
- \* ewYiR̄K ēvs̄tKi weibgtqi gvāg mjjó
- \* A\_‰wZK Dbq̄tbi ewYiR̄K ēvs̄tKi fngKv

**4\_©Aāvq: ēvsK wnmve**

- \* ēvsK wnmve
- ēvsK wnmve i“Zi
- ēvsK wnmve tLvj vi c×wZ
- KYC dtgP i“Zi
- wnmve cwi Pij bv I eÜKIY
- \* ēvsK wnmve cKvi tf̄
- \* mwK ēvsK wnmve wbePb
- \* wnmvei tMvcbxqZv i¶v

**wegv Aāvq**

**11Zg Aāvq: Rxeb negv**

- \* Rxeb negvi avi Yv, einkó I tk̄MiefvM
- \* Rxeb negv Pw³ mxúv` b c̄lqy
- \* `vex Av`vq c×wZ
- \* wclggqig, tevbvm I ewl K ēvE
- \* mgcP gj „, cjt negv I ^0Z negv

**12Zg Aāvq: tbš-negv**

- \* tbš-negvi avi Yv, Zvrch® tk̄MiefvM
- \* `ea tbš-negv Pw³ i Acwi nh®KZewj
- \* tbš-nec` mgv I mgv`K ¶wZi cKvi tf̄
- \* mgvMk ¶wZ I AvsikK ¶wZ
- \* cY` wb‡¶cy

**gwMK cix¶v - Rvbyjwi 2017 Gi wntj evm**

**cY@b : 30**

<b>wdvY Aāvq</b>	ēvsIKs I negv Aāvq
<b>4_©Aāvqt AwR nekoiY</b>	3q Aāvqt ewYiR̄K ēvsK
<b>5g Aāvqt „f I gātgqv` x A_®qb</b>	

**gwMK cix¶v - tdeqwi 2017 Gi wntj evm**

**cY@b : 30**

<b>wdvY Aāvq</b>	ēvsIKs I negv Aāvq
<b>6ô Aāvqt `xN®gqv` x A_®qb</b>	4_©Aāvqt ēvsK wnmve
	11Zg Aāvqt Rxeb negv
	12Zg Aāvqt tbš-negv



**তৃতীয় পর্ব (দ্বাদশ শ্রেণি)**  
**tgqv' Kvj : GICJ 2017 - AW/ 2017**  
**tgwU tkilY Kvhw' em - 75**

ZZxq ce°Cixlvi mgwsZ wntj evm

cYgb : 60

**wdb'vY Aa'vq**

**7g Aa'vq: gj ab e'q**

- \* gj ab e'fqj avi Yv
- \* BKBlUi e'q
- \* AMlaKvi ÷ tKi e'q
- \* bZb mvavi Y ÷ tKi e'q
- \* msilZ gþvdvi e'q
- \* fvi AtiwcZ gj atbi Mo e'q
- \* gj ab e'q wbYqj mxgve×Zv

**8g Aa'vq: gj ab evtRUs I weibfqM wmxvS:**

- \* gj ab evtRUs Gi avi Yv
- \* cKtí i avi Yv
- Taxb cKí
- ci úi eRbkxj cKí
- \* cKtí i tkñefvM (gj ab evtRUs Gi AvI Zv)
- bZb weibfqM wmxvS-
- cKí mþúmvi Y
- \* weifbae×ZtZ cKí gj vqb/weibfqM wmxvS-MöY
- G Avi Avi
- tc-e'vK mgq
- wbU eZgb gj (Gb wc wf)
- AvstAvq nvi (AvB Avi Avi)
- wbU eZgb gj (Gb wc wf) Ges AvstAvq  
nvi (AvB Avi Avi) Gi gta" Zj bv

\* gj ab wbqSY

\* gj ab evtRUs Gi mgm'vngn

- AibDZ wek'

- AibDqZvi Drmmgn

- Pwn` vi cni eZø

- Drcv` b e'fqj cni eZø

- gj ab e'fqj cni eZø

**9g Aa'vq: SIK Ges gþvdvi nvi**

\* weibfqM Ges gþvdvi nvi

\* SIKi avi Yv

- GKK SIK



- tcvU@yj I i tcMtz S<sub>K</sub>
- \* S<sub>K</sub>i cKvitf`
- tgvU S<sub>K</sub>
- tKvúmb S<sub>K</sub>-evRvi S<sub>K</sub>
- \* S<sub>K</sub>i Drm Ges AwbÓqZv
- \* S<sub>K</sub>i cwi gvc
- Av` k<sup>9</sup>ePwZ (Standard Deviation)
- m<sup>9</sup>ebv w<sup>9</sup>b<sup>9</sup>m (Probability Distribution)
- wtf` v<sup>9</sup>/4 (Coefficient of Variation)
- \* tcvU@yj I ^ewP<sup>9</sup>vqb Ges S<sub>K</sub>i Dci Gi cFve
- \* evRvi g<sup>9</sup>wj : w<sup>9</sup>GlGg Ges Aw<sub>R</sub> w<sup>9</sup>mxvS-

### **e<sup>9</sup>vsKs Aa<sup>9</sup>q**

**5g Aa<sup>9</sup>q: n<sup>9</sup>vsitħM F<sup>9</sup>Yi `yj j**

- \* n<sup>9</sup>vsitħM F<sup>9</sup>Yi `yj j
- \* A\_9i ^eikó
- \* n<sup>9</sup>vsitħi i Avek Kxq kZfej x
- \* n<sup>9</sup>vsitħM `yj j mgħni msu<sup>9</sup>B cwi PwZ
- \* n<sup>9</sup>vsitħM `yj j AvBb
- \* mi Kwi tbvU
- \* mi Kwi tbvuti ^eikó
- \* e<sup>9</sup>vsK tbvU
- \* e<sup>9</sup>vsK tbvuti ^eikó
- \* e<sup>9</sup>vsK Wdū I tc-AW<sup>9</sup>i i għa<sup>9</sup> c<sub>R</sub>

**6ó Aa<sup>9</sup>q: tPK, w<sup>9</sup>j Ae G. tPÀ I c<sup>9</sup>gmwi tbvU**

- \* tP<sup>9</sup>Ki avi Yv
- cKvitf`
- tP<sup>9</sup>Ki c<sup>9</sup>lmgħa
- \* wewfbac<sup>9</sup>Ki tP<sup>9</sup>Ki myeav I Amyeav
- \* tPK m<sup>9</sup>uñKZ c<sup>9</sup>Zi Yv I Rvij qm<sup>9</sup>Zi weċt<sup>9</sup> e<sup>9</sup>st<sup>9</sup>Ki wbiċċi Ěv e<sup>9</sup>en
- \* tPK Abtgv` b, Abtgv` tbi cKvitf`
- \* tP<sup>9</sup>Ki AghP<sup>9</sup>
- \* nvivt<sup>9</sup>tbv tP<sup>9</sup>Ki Rb<sup>9</sup> Ki Yaq
- \* w<sup>9</sup>j Ae G. tPÀ I c<sup>9</sup>gmwi tbvU Gi cwi PwZ I e<sup>9</sup>envi

**7g Aa<sup>9</sup>q: e<sup>9</sup>vsK Znvetj i Drm I e<sup>9</sup>envi**

- \* e<sup>9</sup>st<sup>9</sup>Ki -t<sup>9</sup>gqvx I ^xN<sup>9</sup>gqvx Znvetj i Drm
- \* e<sup>9</sup>vsK F<sup>9</sup>Yi avi Yv I ^i "Zj
- \* FYgA<sup>9</sup>i i w<sup>9</sup>teP<sup>9</sup> w<sup>9</sup>l qm<sup>9</sup>ga
- \* e<sup>9</sup>vsK F<sup>9</sup>Yi tkvix f<sup>9</sup>M
- \* F<sup>9</sup>Yi RvgvbZ
- avi Yv



- c̄qvRbxqZv

- c̄Kvi tf̄

- RvgvbZ m̄úñKZ wefeP̄ weI qmḡ

\* FY wefk̄l Y I mgm̄M̄' FY

**8g Aāvq: %t̄ wK w̄bgq I ^et̄ wK gȳ i**

\* ^et̄ wK w̄bgq̄ti avi Yv

\* w̄bgq nvi wafl̄ Y c̄xwZ

\* `N̄l̄ - t̄ tgqv̄ x F̄Yi `w̄j j mḡ

\* ^et̄ wK w̄bgq̄ti c̄Z̄qc̄l̄ (L.C)

\* d̄v̄wi s I t̄dvi t̄dws

\* ^et̄ wK gȳ i w̄bgq̄ti c̄xwZmḡ

\* w̄fbacl̄vi c̄Z̄qc̄l̄

\* Avḡ`vbx-i BvbxKvi Kt̄ i Rb̄ c̄Z̄qc̄t̄i c̄qvRbxqZv

\* c̄Z̄qc̄t̄i gvātg Avḡ`vbx-i Bvbx c̄xwZ

\* Av\_@mvgwRK Dbqt̄b tīgt̄ŪYi f̄ngKv

**9g Aāvq: Bt̄j KUlbK I AvajbK ēvsuKs**

\* ēvsK c̄wi Pvj bv I M̄ñK t̄mevq c̄b̄j̄3 i ēenvi

\* Bt̄j KUlbK ēvsuKs Gi avi Yv I \_i "Zj

\* M̄ñt̄Ki Rb̄ AvajbK ēvsuKs myear I t̄mevnḡ

\* Bt̄j KUlbK ēvsuKs ēēvq M̄ñt̄Ki Z\_ msit̄Y Ges t̄M̄vcbxqZv

### wegv Aāvq

**13 Zg Aāvq: Āwegv**

\* Āwegvi avi Yv, Zvrch̄l tk̄M̄wegvM

\* Āwegvi Ac̄vinnh̄Dcv̄`vb

\* ĀM̄RbZ P̄wZ

\* P̄wZc̄t̄Y `we I ḡgxvsmv c̄xwZ

**14 Zg Aāvq: weeāwegv**

\* hvbevb̄ wegv

\* `N̄b̄v wegv

\* Wk̄wZ wegv

\* km̄ wegv

\* eb̄v, f̄ngKx̄u wegv

\* -t̄- wegv

\* Mev̄ x cī wegv



## ସମ୍ବନ୍ଧ କାର୍ଯ୍ୟ- ରୀତିବିଧି ଏବଂ ପରିପାଳନା

**ଗୁରୁକୁଳ କାର୍ଯ୍ୟ- ରୀତିବିଧି ଏବଂ ପରିପାଳନା**

**cୟବ : 30**

ନିର୍ଦ୍ଦେଶ ଆବଶ୍ୟକ	ଏତୁକୁ ଲେଖାବଳୀ ଏବଂ ଅନ୍ୟ କାର୍ଯ୍ୟ
୭ୟ ଆବଶ୍ୟକ ଗ୍ରହ ଏବଂ ପରିପାଳନା	୫ୟ ଆବଶ୍ୟକ ନିର୍ଦ୍ଦେଶ ଏବଂ ପରିପାଳନା
୮ୟ ଆବଶ୍ୟକ ଗ୍ରହ ଏବଂ ପରିପାଳନା	୬୦ ଆବଶ୍ୟକ ପରିପାଳନା ଏବଂ ପରିପାଳନା
ନିର୍ଦ୍ଦେଶ ଆବଶ୍ୟକ	୭ୟ ଆବଶ୍ୟକ ଏତୁକୁ ଲେଖାବଳୀ ଏବଂ ଅନ୍ୟ କାର୍ଯ୍ୟ

**ଗୁରୁକୁଳ କାର୍ଯ୍ୟ- ରୀତିବିଧି ଏବଂ ପରିପାଳନା**

**cୟବ : 30**

ନିର୍ଦ୍ଦେଶ ଆବଶ୍ୟକ	ଏତୁକୁ ଲେଖାବଳୀ ଏବଂ ଅନ୍ୟ କାର୍ଯ୍ୟ
୨ୟ ଆବଶ୍ୟକ ସିକ୍ରିପ୍ଟ ଗ୍ରହ ଏବଂ ପରିପାଳନା	୮ୟ ଆବଶ୍ୟକ ନିର୍ଦ୍ଦେଶ ଏବଂ ପରିପାଳନା
	୨୯ ଆବଶ୍ୟକ ବ୍ୟାକ ଏବଂ ପରିପାଳନା
	୧୩ୟ ଆବଶ୍ୟକ ଅନ୍ୟ କାର୍ଯ୍ୟ
	୧୪ୟ ଆବଶ୍ୟକ ନିର୍ଦ୍ଦେଶ ଏବଂ ଅନ୍ୟ କାର୍ଯ୍ୟ

### ଚତୁର୍ଥ ପର୍ବ (ଘୋଦନ ପ୍ରେଣ୍ଟିଙ୍)

**ତାରିଖ : ଜୁଲାଇ 2017 - ଡିସେମ୍ବର 2017**

**ତାରିଖ : ଜୁଲାଇ 2018 - ୪୬**

**PZL କେନ୍ଦ୍ରୀୟ କାର୍ଯ୍ୟ- ଏବଂ ପରିପାଳନା**

**cୟବ : 100**

**କୁଳାଳ କାର୍ଯ୍ୟ : ନିର୍ଦ୍ଦେଶ ଆବଶ୍ୟକ**

**କୁଳାଳ କାର୍ଯ୍ୟ : ଏତୁକୁ ଲେଖାବଳୀ ଏବଂ ଅନ୍ୟ କାର୍ଯ୍ୟ**

### ପଞ୍ଚମ ପର୍ବ (ବିଶେଷ କ୍ଲାସ ପ୍ରୋଗ୍ରାମ)

**ତାରିଖ : ଜୁଲାଇ 2017 - ଡେସେମ୍ବର 2018**

**ତାରିଖ : ଜୁଲାଇ 2019 - ୪୩**

**cାର୍ଯ୍ୟ କେନ୍ଦ୍ରୀୟ କାର୍ଯ୍ୟ- ଏବଂ ପରିପାଳନା**

**cୟବ : 100**

**କୁଳାଳ କାର୍ଯ୍ୟ : ନିର୍ଦ୍ଦେଶ ଆବଶ୍ୟକ**

**କୁଳାଳ କାର୍ଯ୍ୟ : ଏତୁକୁ ଲେଖାବଳୀ ଏବଂ ଅନ୍ୟ କାର୍ଯ୍ୟ**



# Drcv` b e''e^-vcbv | wecYb

১ম ও ২য় পত্র

## প্রথম পর্ব (একাদশ শ্রেণি)

tgq` Kyj : Rj vB 2016 - btfm 2016  
tgvU tkil Kvhw em - 89

cög ce'cixlvi mgwSZ mtj evm

cYgb : 60

### 1g c̄

**cög Aa''q:** Drcv` b (Production): Drcv` tbi avi Yv; Drcv` tbi , i "Zi  
Drcv` tbi Avl Zv; Drcv` bkxj Zv Ges Gi , i "Zi

**WZxq Aa''q:** Drcv` tbi DcKiY (Factors of Production): Drcv` tbi  
DcKiYi avi Yv; fng : avi Yv, ^ewkó", , i "Zi kg : avi Yv, , i "Zi cKvitf /  
kg wefM; gj ab : avi Yv, ^ewkó", , i "Zi gj ab MVb, gj ab MVtbi chq;  
msMVb : avi Yv, ^ewkó", , i "Zi l tkil wefM |

### 2q c̄

**cög Aa''q:** wecYb cwiPnZ (Introduction to Marketing): wecYtbi avi Yv,  
wecYtbi µgweKvk, wecYtbi ^ewkó", evRvi, weµq | wecYb, wecYtbi  
, i "Z/cöqRbxqZv, evsj vt`tki gZ Dbqbkxj t`tki A\_‰wZK Dbqtb  
wecYtbi fngKv

**WZxq Aa''q:** wecYb cwi tek (Marketing Environment): wecYb cwi tekki  
avi Yv, wecYb cwi tekki cKvitf, e‰wK cwi tek, mgwóK cwi tek, cY ev  
tmewmgM wecYtbi cwi tekki cFve, e‰wK cwi tekki cFve, mgwóK cwi tekki  
cFve, evsj vt`tk wecYb cwi tek

gwmK cixlvi- AwM÷ 2016 Gi mtj evm

cYgb : 30

cög c̄ | cög Aa''q: Drcv` b (Production)

WZxq c̄ | cög Aa''q: wecYb cwiPnZ (Introduction to Marketing)

gwmK cixlvi- Atsevi 2016 Gi mtj evm

cYgb : 30

cög c̄ | WZxq Aa''q: Drcv` tbi DcKiY (Factors of Production)

WZxq c̄ | WZxq Aa''q: wecYb cwi tek (Marketing Environment)



## ଦ୍ୱିତୀୟ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣୀ)

ତାରିଖ : ଜାନୁଆରୀ 2016 - ଜୁଲାଇ 2017

ପର୍ବ ନମ୍ବର - 82

ମହାଦେଶୀର୍ଷି ମାଧ୍ୟମିକ ବିଷୟ

ପର୍ବ ନମ୍ବର : 100

### 1g c̄

**c̄g Aāvq:** Drcv` b (Production)

**ମହାଦେଶୀର୍ଷି ଆବଶ୍ୟକତା:** Drcv` tbi DcKiY (Factors of Production)

**ZZxq Aāvq:** Drcv` tbi gv̄vi (Scale of Production): Drcv` tbi gv̄vi: avi Yv, i "Zj gv̄vi RbZ mstKvP avi Yv: ¶i ^ I gvSwii G>Uvi c̄BtRi i "Zj myeav-Amjeav; ep` vqZb G>Uvi c̄BtRi i "Zj myeav-Amjeav; Drcv` tbi Kvg gv̄vi avi Yv, myeav-Amjeav |

**PZL ©Aāvq:** mgm̄oK ch̄q Drcv` b (Production in Macro Level): mgm̄oK ch̄q Drcv` b avi Yv: avi Yv, tgwU t` KR Drcv` b (GDP), tgwU RvZxq Drcv` b (GNP), bñU RvZxq Drcv` b (NNP), RvZxq Avq (NI), gv\_wicQy Avq (Per Capita Income) Gi avi Yv, tgwU t` KR Drcv` b, tgwU RvZxq Drcv` b, bñU RvZxq Drcv` b, RvZxq Avq, gv\_wicQy Avq Gi c̄w gvcmḡ, RvZxq Avq c̄w gv̄ci i "Zj RvZxq Avq c̄w gv̄ci mgm̄v |

**c̄Ag Aāvq:** Drcv` b ēē-vcbv (Production Management): Drcv` b ēē-vcbv: avi Yv, ^ ^ I tmev; Drcv` b ēē-vcbv H̄Znwm̄K cUf̄ng; Drcv` b ēē-vcbv i "Zj Drcv` b ēē-vcbv c̄YZv/MwZ c̄KwZ : tmev Lv̄Zi c̄p̄x, Drcv` b kxj Zv P̄v̄tj Ä (Productivity challenge), ḡbm̄ub̄b̄ `^ Drcv` b, Kv-gvBtRkb (Customization) |

### 2q c̄

**c̄g Aāvq:** wecYb c̄w PwZ (Introduction to Marketing)

**ମହାଦେଶୀର୍ଷି ଆବଶ୍ୟକତା:** wecYb c̄w tek (Marketing Environment)

**ZZxq Aāvq:** wecYb Kvhf̄ej (Marketing Functions): wecYb Kvhf̄ej i avi Yv, wecYb Kvhf̄ej, µq, weµq, c̄w enb, ^ vgRvZKiY, c̄gZKiY, tgvoKxKiY, weÁvcb, wecYb Kvhf̄ej i "Zj I c̄qvRbxqZv |

**PZL ©Aāvq:** evRvi wefw³KiY I wecYb ugk̄v (Market Segmentation & Marketing Mix): evRvii avi Yv I "ek̄o", evRvii tkiyefvM, tfv³v evRvi, w̄k̄i evRvi, evRvi wefw³Ki‡Yi avi Yv, evRvi wefw³Ki‡Yi w̄f̄E, KvhRi evRvi wefw³Ki‡Yi we‡P we‡q, wecYb ugk̄vYi avi Yv, wecYb ugk̄vYi Dcv` vb |

**c̄Ag Aāvq:** cY I c‡Y i gj " waftY (Product & Product Pricing): c‡Y i avi Yv, c‡Y i tk̄yefvM, tfvM cY, w̄k̄i cY, tfvM c‡Y i wecYt b we‡P we‡q, w̄k̄i c‡Y i wecYt b we‡P we‡q, c‡Y i RxeB-Pµ, c‡Y i gj " waftY i avi Yv, c‡Y i gj " waftY Df̄t k̄, c‡Y i gj " waftY c̄wZ, c‡Y i gj " waftY c̄ve wehi Kvi x Dcv` vb, c‡Y i gj " nwm/ WmKvDvU I wi‡eU |



gwmK cixTiv - Rvbywi 2017 Gi mtj evm

cYgb : 30

c<sup>o</sup>g c<sup>†</sup> ZZxq Aa<sup>u</sup>q: Drcv` tbi g<sup>u</sup> (Scale of Production)

WZxq c<sup>†</sup> ZZxq Aa<sup>u</sup>q: wecYb Kvh<sup>u</sup>ej (Marketing Functions)

gwmK cixTiv - tde<sup>u</sup>qwi 2017 Gi mtj evm

cYgb : 30

c<sup>o</sup>g c<sup>†</sup> PZl<sup>u</sup>Aa<sup>u</sup>q: mgw<sup>u</sup>K ch<sup>u</sup>q Drcv` b (Production in Macro Level)

WZxq c<sup>†</sup> PZl<sup>u</sup>Aa<sup>u</sup>q: evRvi wef<sup>u</sup>KiY I wecYb ugk<sup>u</sup> (Market Segmentation & Marketing Mix)

### তৃতীয় পর্ব (বাদশ প্রেণি)

tgqv` Kyj : Guc<sup>u</sup> 2017 - Aw<sup>u</sup> 2017

tgvU tk<sup>u</sup>Y Kvh<sup>u</sup> em - 75

ZZxq ce<sup>u</sup>cixTivi mgw<sup>u</sup>Z mtj evm

cYgb : 60

#### 1g c<sup>†</sup>

I<sup>o</sup> Aa<sup>u</sup>q: cY<sup>u</sup> WRvBb (Product Design): cY<sup>u</sup> WRvBb : avi Yv, i "Z<sup>u</sup> ch<sup>u</sup>q; evsj vt` tki tc<sup>u</sup>l<sup>u</sup>Z cY<sup>u</sup> WRvBb (Case study/ Development)

mB<sup>g</sup> Aa<sup>u</sup>q: gvb e<sup>u</sup>e<sup>u</sup>cbv (Quality Management): gvb e<sup>u</sup>e<sup>u</sup>cbv avi Yv, i "Z<sup>u</sup> wbgyutbi cY<sup>u</sup> Drcv` bRwbZ LiP (Cost of Poor Quality): wCfbkb K<sup>u</sup> (Prevention Cost), Gvc<sup>u</sup>BRvj K<sup>u</sup> (Appraisal Cost), B<sup>u</sup>vi bvj tdbuj Di K<sup>u</sup> (Internal Failure Cost), G<sup>u</sup>vi bvj tdbuj Di K<sup>u</sup> (External Failure Cost); HwZnw<sup>u</sup>mK tc<sup>u</sup>l<sup>u</sup>cvU: gvb wbqSY (Quality Control), gvb wbqZKiY (Quality Assurance), tUvUvj tKvqwj wJ g<sup>u</sup>v<sup>u</sup>bRtgoU (Total Quality Management); c<sup>u</sup>Y<sup>u</sup>i gvb wba<sup>u</sup>Y: "vbxq (thgb- BSTI), Aw<sup>u</sup>SR<sup>u</sup>zK (ISO) |

Aog Aa<sup>u</sup>q: Drcv` b PgZv (Production Capacity): Drcv` b PgZv avi Yv; Drcv` b PgZv c<sup>u</sup>Kvif<sup>u</sup>; Drcv` b PgZv c<sup>u</sup>gvc; Drcv` b PgZv e<sup>u</sup>envi |

#### 2q c<sup>†</sup>

I<sup>o</sup> Aa<sup>u</sup>q: cY<sup>u</sup> eEb c<sup>u</sup>Vij x (Product Distribution Channel): eEb c<sup>u</sup>Vij xi avi Yv, eEb c<sup>u</sup>Vij xi tk<sup>u</sup>l<sup>u</sup>efM, eEb c<sup>u</sup>Vij xi Kvh<sup>u</sup>ej, ga<sup>u</sup>"'e<sup>u</sup>emvqxi avi Yv I ^euk<sup>u</sup>, ga<sup>u</sup>"'e<sup>u</sup>emvqxi Kvh<sup>u</sup>ej, ga<sup>u</sup>"'e<sup>u</sup>emvqxi c<sup>u</sup>Kvif<sup>u</sup>, ga<sup>u</sup>"'e<sup>u</sup>emvqxi mydj I Kd<sup>u</sup>j, t<sup>u</sup>fM c<sup>u</sup>Y<sup>u</sup>i eEb c<sup>u</sup>Vij x, Kwl c<sup>u</sup>Y<sup>u</sup>i eEb c<sup>u</sup>Vij x, evsj vt` tki Kwl cY<sup>u</sup> wecY<sup>u</sup>b mgm<sup>u</sup>v, evsj vt` tki Kwl cY<sup>u</sup> wecY<sup>u</sup>b mgm<sup>u</sup>v mgw<sup>u</sup>utbi Dcvq, wki c<sup>u</sup>Y<sup>u</sup>i eEb c<sup>u</sup>Vij x |



## cWμg wb̄m

**mBg Aāvq:** cvBKwi | LPIv ēemvq (Wholesaling & Retailing): cvBKwi | LPIv ēemvq avi Yv | c̄ekó, cvBKwi | LPIv ēemvq c̄Kvi tf̄, cvBKwi | LPIv ēemvq Kvhv̄ij, cvBKwi | LPIv ēemvq cv\_R, ep` vqZvKvi LPIv ēemvq, evsj v̄t k cvBKwi | LPIv ēemvq mgm̄v | mgvaīb Ki Yxq |

gwmK cixtv- Rj 2017 Gi vmtj evm		cYgb : 30
cōg c̄t	Iô Aāvq: cY wRvBb (Product Design)	
WZxq c̄t	Iô Aāvq: cY ēEb c̄vij x (Product Distribution Channel)	

gwmK cixtv- Rj vB 2017 Gi vmtj evm		cYgb : 30
cōg c̄t	mBg Aāvq: gvb ēē vcbv (Quality Management)	
WZxq c̄t	mBg Aāvq: cvBKwi   LPIv ēemvq (Wholesaling & Retailing)	

### চতুর্থ পর্ব (বাদশ প্রেণি)

tgqv` Kyj : tmtPv 2017 - btfv 2017  
tgvU tkil Kvhv̄i em - 46

PZL_CeCixTvi mgv̄SZ vmtj evm	cYgb : 100
1g c̄t	
cōg Aāvq: Drcv` b (Production)	
WZxq Aāvq: Drcv` tbi DcKiY (Factors of Production)	
ZZxq Aāvq: Drcv` tbi gv̄l v (Scale of Production)	
PZL_Aāvq: mgv̄oK ch̄tq Drcv` b (Production in Macro Level)	
cĀg Aāvq: Drcv` b ēē vcbv (Production Management)	
Iô Aāvq: cY wRvBb (Product Design)	
mBg Aāvq: gvb ēē vcbv (Quality Management)	
Aog Aāvq: Drcv` b TgZv (Production Capacity)	
beg Aāvq: ēemvq Aē v̄b (Business Location)	
ēemvq Aē v̄bi avi Yv; ēemvq Aē v̄bi i "Zi ēemvq Aē v̄bi Dci c̄fve wē vi Kvi x Dcv` v̄b	
`kg Aāvq: tj AvDU (Lay-out): tj -AvDfUi avi Yv: tj -AvDfUi i "Zi tj -AvDfUi c̄Kvi tf̄: d̄v̄i tj -AvDU/Factory Layout (cōmm tj -AvDU/ Process Layout, W c̄Rkb tj -AvDU/ Fixed Position Layout, tc̄Wv̄i tj -AvDU/Product Layout), mwf̄i tj -AvDU/Service Layout (wi tUBj tj -AvDU/Retail Layout, Andm tj -AvDU/Office Layout, I q̄vi nvDR tj -AvDU/ Warehouse Layout etc.)	



## 2q c̄

c̄g Aāvq: wecYb c̄wIPZ (Introduction to Marketing)

WZxq Aāvq: wecYb c̄w tek (Marketing Environment)

ZZxq Aāvq: wecYb Kvhfēij (Marketing Functions)

PZL©Aāvq: evRvi wefw³KiY I wecYb w̄gkij (Market Segmentation & Marketing Mix)

c̄Ag Aāvq: cY I ctYi gj " wbañ Y (Product & Product Pricing)

Iô Aāvq: cY eEb c̄Vij x (Product Distribution Channel)

m̄Bg Aāvq: c̄BKwi I L̄pi e' emvq (Wholesaling & Retailing)

Aóg Aāvq: weμq c̄ñvi I weÁvcb (Sales Promotion & Advertising): weμq c̄ññti i avi Yv, weμq c̄ññti i i"Zi, weμq c̄ññti i tKskj, weÁvc̄bi avi Yv, weÁvc̄bi c̄ñqRbxqZv, weÁvc̄bi Kvhfēij, weÁvc̄bi gva"g I Gi c̄Kvi f̄, weÁvc̄bi gva"g wbeP̄tb weP̄" weI q, weÁvcb I c̄ññti i gta" c̄i\_R |

beg Aāvq: e"ñ³K weμq I weμqKZv (Personal Selling & Salesmanship): e"ñ³K weμq I weμqKZv avi Yv, e"ñ³K weμq I weÁvc̄bi gta" c̄i\_R, e"ñ³K weμq I weμqKZv c̄ñqRbxqZv, weμqKgñ „Yvewj |

`kg Aāvq: wecYtbi mgmvguiqK weI qwevj (Contemporary Aspects in Marketing): c̄ññP wecYb I Abj vBb wecYtbi avi Yv, c̄ññP wecYb I Abj vBb wecYtbi myeav I Amyeav, c̄w Kñ Z wecYb tKñ`i myeav I Amyeav, tPBb t÷vi I wCvUgjU t÷vñ i avi Yv I %ekó, mycvi gyKtBi avi Yv I %ekó, mycvi gyKtBi myeav I Amyeav, M̄b gyKtBi Gi avi Yv, M̄b gyKtBi Gi c̄ñqRbxqZv |

## পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)

tgqr` Kyj : wWtñpñ 2017 - tdeqñi 2018

tgñU tkñY Kvhññ em - 43

c̄Ag ceCixñvi mgwñZ wñtj evm

cYgñb : 100

wifD Km I cixñv



## Cwimsl'wb

১ম ও ২য় পত্র

## প্রথম পর্ব (একাদশ শ্রেণি)

tqvi' Kyj : Rj vB 2016 - btf' 2016  
tgvi' tkh' em - 89

cÖg ce©cix¶vi mgvšZ vmtj evm

cYqib : 60

## 1g c†

ZEiq

cÖg Aa"vq: cwi msL'wb , Pj K I a'eK

cwi msL'wb Kx?, cwi msL'wb DrciE, i"Zj, eenvi I Kvhewij mgMK I bgjpv,  
 Pj K I a'eK, YevPK I msL'vevPK Pj K, newQbael AwewQbaePj K, cwi gvcibi  
 c'Kvif' (bvgmPK, mgKmPK, tkh'mPK I AvbjcwZK cwi gvcib), newfbabPj tKi  
 Scale of measurements mbv<sup>3</sup>KiY, Kuzcq c'kxtKi ( $\Sigma$ ,  $\sum$ ,  $\pi$  BZ'w i)  
 avi Yv, eenvi I ev'e D`vniY|

WZxq Aa"vq: Z\_ msMö, msu¶BKiy I Dc'vcb

Z\_, Zt\_i c'Kvif', Z\_ msMöni c'qyRbxqZv, c'ugK Z\_ msMöni cxwZ  
 Ges Gi myeav I Amyeav, gva'ngK Zt\_i Drm, gva'ngK Zt\_i mxgve×Zv,  
 gva'ngK Z\_ msMöni mZKZv, gva'ngK Zt\_i i"Zj, Z\_ Dc'vcb I  
 msu¶BKiy (Organization and Presentation of Data), Z\_ msu¶BKiy I  
 newfbab cxwZ: tkh'ye×KiY, tkh'ye×KiYi Df'k' I cÖqvRbxqZv,  
 Zwj Kye×KiY, Zwj Kye×KiYi c'vjj x, MYmsL'v, MYmsL'v wbtekb I Gi  
 i"Zj, MYmsL'v wbtekb c'Z c'vjj x (ASF® cxwZ I ewnf® cxwZ), c'KZ  
 tkh'ymxgv, Amg tkh'ymxgv I tLvj v tkh'ymxgv avi Yv |

## 2q c†

cÖg Aa"vq: mætebv

mætebvi mvf\_ mæuñKZ newfbævelq: cix¶v, ^e cix¶v, tPov (Trial),  
 bgjpwewy bgjpv¶t, NUbv, ci'ui eRøkjx NUbv, ci'ui AeRøkjx NUbv,  
 wbwZ I AlbwZ NUbv, wfPkjx I AlbwZ NUbv, Amæe NUbv, cwi c'K  
 NUbv, tmu, web'wm I mgvtek, mætebvi MwYwZK msÁv (Classical / Prior),  
 Axiom (Emperical/Posterior), Ges mætebvi ^Ztmx wfEJK (Axiomatic)  
 msÁv, Ges MwYwZK mgm'v (ev'e Rxeb wfEJK mgm'v mgvarb thgb- gy' I Q°v  
 BZ'w i mvnvt'h")



## eñenwi K

1. newfbadsktbi tj L A½b

$$(i) y = a + bx \quad (ii) y = \frac{1}{x} \quad (iii) y = x^2 \quad (iv) y = e^{bx} \quad (v) y = a + bx + cx^2$$

$$(vi) y = a + b \log x$$

2. MYmsL̄v web̄vñ ^Zñ KiY, tj LwPf̄ti mnvnfh̄ Dc̄vcb: (i) AvgZtj L (ii) MYmsL̄v eufR (iii) MYmsL̄v ti Lv (iv) AwRf ti Lv (v) KvLv I c̄K Dc̄vcb  
(Stem and leaf display)

gwmK cix¶v- AwM÷ 2016 Gi wntj evm

cYvñ : 30

## 1g c̄t

c̄g Aañq: cwi msL̄v , Pj K I a\*ek

cwi msL̄v K?, cwi msL̄vbi DrctE, i"Zj, eñenvi I Kvñfij mgMK I bgþv, Pj K I a\*ek, YevPK I msL̄vPK Pj K, newQbel AwewQbelPj K, cwi gvtbi c̄Kvif̄ (bgmPK, mgKmPK, tkñymPK I AwþcñZK cwi gvtbi), newfbapj tKi Scale of measurements mbv³KiY, KvñZcq c̄ZxtKi ( $\Sigma$ ,  $\Sigma\Sigma$ ,  $\pi$  BZ'w i) avi Yv, eñenvi I ev-e D`vniY|

## 2q c̄t

c̄g Aañq: mætebv

mætebvi mvf\_ mæúñKZ newfbæwelq; cix¶v, ^e cix¶v, tPov (Trial), bgþvne>y bgþvne> tPv, NUbv, ci-úi eRøkxj NUbv, ci-úi AeRøkxj NUbv, wññDZ I AwññDZ NUbv, wfþkxj I Awbfþkxj NUbv, Amæc NUbv, cwi cñK NUbv, tmU, web̄vñ I mgvñek|

gwmK cix¶v- Atñe 2016 Gi wntj evm

cYvñ : 30

## 1g c̄t

wñZq Aañq: Z\_ msMñ, msññBKiY I Dc̄vcb

Z\_, Zt\_ i c̄Kvif̄, Z\_ msMñni c̄qyRbxqZv, c̄ngK Z\_ msMñni c×ñZ Ges Gi meav I Amjeav, gvañgK Zt\_ i Drm, gvañgK Zt\_ i mxglexZv, gvañgK Z\_ msMñn mZKZv, gvañgK Zt\_ i i"Zj, Z\_ Dc̄vcb I msññBKiY (Organization and Presentation of Data), Z\_ msññBKiYi newfbæ c×ñZ: tkñWeXKiY, tkñWeXKiYi Dfñk" I c̄qyRbxqZv, Zwj KveXKiY, Zwj KveXKiYi cñvñj x, MYmsL̄v, MYmsL̄v wbtekb I Gi , i"Zj MYmsL̄v wbtekb cñZ cñvñj x (Añfñ c×ñZ I eñfñ c×ñZ), cñZ tkñymgv, Amg tkñymgv I tljv tkñymgv avi Yv| Z\_ msññBKiYi c×ñZ eñenvi Kt i Z\_ tK msññBñfñc Dc̄vcb|



## 2q c̄t̄

**cōg Aāqt m̄tebv:** m̄tebv MwYiZK msĀv (Classical / Prior), Av̄i vnx (Emperical/Posterior), Ges m̄tebv ̄Ztm̄x w̄f̄EK (Axiomatic) msĀv, Ges MwYiZK mgm̄v (ev̄e Rxeb w̄f̄EK mgm̄v mgvavb thgb- ḡj̄ I Q°v BZ̄w̄ i mvnvh̄)

### ēenwi K

1. newfbœdk̄bi tj L A½b

$$(i) y = a + bx \quad (ii) y = \frac{1}{x} \quad (iii) y = x^2 \quad (iv) y = e^{bx} \quad (v) y = a + bx + cx^2 \\ (vi) y = a + b \log x$$

2. MYmsL̄v web̄vm ̄Z̄i Ki Y, tj LwP̄t̄i mvnvh̄ Dc̄vcb: (i) AvqZt̄j L (ii) MYmsL̄v eūfR (iii) MYmsL̄v t̄i Lv (iv) AvRf t̄i Lv (v) KvLv I c̄t̄K Dc̄vcb (Stem and leaf display)

### দ্বিতীয় পর্ব (একাদশ শ্রেণি)

tgq̄v̄ Kv̄j : M̄t̄m̄t̄ 2016 - ḡP̄2017

tgq̄U tk̄iY Kv̄h̄ em - 82

WZ̄q cēcix̄v̄i mgw̄sZ w̄t̄j ev̄m

cYḡub : 100

### Z̄Eq

## 1g c̄t̄

### 1g c̄t̄

WZ̄q Aāvq: Z\_ msM̄b, msW̄BKi Y I Dc̄vcb:

, YevPK (categorical) Z\_ t̄K w̄P̄t̄i gvātg Dc̄vcb I ēvL̄v cōvb, `EwP̄ (Bar diagram), cVb w̄P̄, msL̄vewPK Z\_ t̄K tj LwP̄t̄i mvnvh̄ Dc̄vcb I ēvL̄v cōvb, AvqZt̄j L, MYmsL̄v eūfR, KvLv I c̄t̄K, Dc̄vcb (Stem and leaf display), Z\_ Dc̄vcb w̄P̄ I tj LwP̄t̄i ,i "Z̄l|

Z̄Z̄q Aāvq: t̄K̄`t̄ c̄ēYZv:

t̄K̄`t̄ c̄ēYZv, newfbœc̄Kvi t̄K̄`t̄ c̄ēYZvi c̄w̄gvc, Atk̄iYKZ I tk̄iYKZ Zt̄\_i Rb̄ MwYiZK Mo ,RwgiZK Mo, Zi½ Mo, gvāgv I c̄b̄iK, fvi Av̄i w̄CZ Mo /m̄t̄sij Z MwYiZK Mo, t̄K̄`t̄ c̄ēYZvi newfbœc̄gvt̄ci ēenvi, Av̄ k̄c̄w̄gvt̄ci `ewk̄ō, t̄K̄`t̄ c̄ēYZvi c̄w̄gvt̄ci Zj bvqj K w̄t̄k̄i Y, t̄K̄b aīt̄bi c̄w̄gvc t̄K̄v̄q Dchj̄B, t̄K̄`t̄ c̄ēYZv m̄t̄uKZ K̄Zc̄q MwYiZK m̄t̄ | c̄v̄Y Ki:

- (i) Z\_ mw̄i gvb ,t̄j v nt̄Z MwYiZK M̄toi ēear̄bi mgw̄o k̄b̄i mgvb |
- (ii) Z\_ mw̄i gvb ,t̄j v nt̄Z MwYiZK M̄toi ēear̄bi ēt̄M̄ mgw̄o ¶̄i Zg |
- (iii) MwYiZK Mo gj I gvcxbi Dci w̄bf̄pkij |



- (iv)  $G = \sqrt{G_1 G_2}$  thLvtb  $n_1 = n_2 = n$
- (v)  $\text{`B} \text{U abvZK i} \text{wki Rb'', A.M} \geq \text{G.M} \geq \text{H.M}$
- (vi)  $\text{`B} \text{U abvZK i} \text{wki Rb'', A.M} \times \text{H.M} = (\text{G.M})^2$
- (vii)  $c\ddot{o}g n \text{ msL}'' \text{K} \text{ ``fweK msL}'' \text{vi Rb'' MwY} \text{ZK Mo} = \frac{n+1}{2}$
- (viii)  $\text{`B} \text{ tmU Z} \ddot{\text{t}} \text{``i t} \ddot{\text{P}} \ddot{\text{t}} \text{``} \bar{x}_c = \frac{n_1 \bar{x}_1 + n_2 \bar{x}_2}{x_1 + x_2}$
- PZL<sub>R</sub>, `kgK, kZg<sub>t</sub>Ki avi Yv|

## 2q c̄t

**c̄o g Aāwq: m̄tebv**

eR<sub>B</sub>kj I AeR<sub>B</sub>kj NUbvi Rb'' m̄tebv vi thwMm̄, kZ<sub>B</sub>axb m̄tebv I ``axb  
m̄tebv (D''vnitYi mvnvh'), Awbf<sub>B</sub>kj I wbf<sub>B</sub>kj NUbvi Rb'' m̄tebv  
Ybm̄ (c̄oyY e''ZxZ) | MwY<sub>B</sub>ZK mgm''v (ev''e Rxebwif<sub>B</sub>EK mgm''v thgb-ej I  
Zvm BZ''w i mvnvh') |

**ØZxq Aāwq: ^ ePj K I m̄tebv web̄m**

^ ePj K, newQba<sub>B</sub>e Pj K, dvskb I mgvKj tbi c̄o gK avi Yv,

$\int x^n dx$ ,  $\int (x^m \pm x^n) dx$  Ges  $\int_a^b x^n dx$ , Ges m̄t̄i c̄o qM, m̄tebv dvskb,  
m̄tebv NbZ<sub>i</sub> dvsktbi avi Yv m̄tebv dvskb, m̄tebv NbZ<sub>i</sub> dvskb wby<sub>B</sub>, web̄m  
dvskb, h<sup>3</sup> m̄tebv dvskb, m̄tebv dvskb m̄u<sub>B</sub>K mgm''v mgvavb |

**ee enwi K**

A<sub>t</sub>k<sub>Y</sub>KZ I t<sub>k</sub>YKZ Z<sub>t</sub>''i Rb'' MwY<sub>B</sub>ZK Mo, m̄r<sub>B</sub>gj Z MwY<sub>B</sub>ZK Mo, R<sub>w</sub>g<sub>B</sub>ZK  
Mo, Zi½ Mo wby<sub>B</sub>, AvqZ<sub>t</sub>j L I AwRf<sub>t</sub>i Lv A½b, AwRf<sub>t</sub>i Lv vi mvnvh'' PZL<sub>R</sub>,  
`kgK, kZgK wby<sub>B</sub>, AvqZ<sub>t</sub>j L I AwRf<sub>t</sub>i Lv vi mvnvh'' newfbœaitbi mgm''v  
mgvavb |

**gwmK cixPv - Rb<sub>B</sub>yw 2017 Gi m̄tj eum**

**cY@b : 30**

## 1g c̄t

**ØZxq Aāwq: Z\_'' msM<sub>B</sub>, msP<sub>B</sub>KiY I Dc''vb:**

YevPK (categorical) Z\_''tK P<sub>t</sub>''i gva''tg Dc''vb I e''vL''v c̄o v<sub>B</sub>, `EiP<sub>B</sub>  
(Bar diagram), c̄vB wP<sub>t</sub>, msL''vewPK Z\_''tK tj LwP<sub>t</sub>''i mvnvh'' Dc''vb I  
e''vL''v c̄o v<sub>B</sub>, AvqZ<sub>t</sub>j L, MYmsL''v eufR, kvLv I c̄tK, Dc''vb (Stem and  
leaf display), Z\_'' Dc''vb wP<sub>t</sub> I tj LwP<sub>t</sub>''i , i''Zi|



**ZZxq Aāvqt tKw̄ q c̄YZv:**

tKw̄ q c̄YZv, newfbœcKvi tKw̄ q c̄YZv c̄igvc, AtkñYKZ I tKñYKZ Zf̄\_i Rb̄ MwYñZK Mo ,RñwgnZK Mo, Zi½ Mo, gvāgv I c̄Pik, fvi AvñiwcZ Mo /mñvñj Z MwYñZK Mo, tKw̄ q c̄YZv newfbœcvgvci ēenvi, Av̄ R c̄igvc %ekó, tKw̄ q c̄YZv c̄igvc Zj bvgj K neñkIY, tKv̄ aītbi c̄igvc tKv̄\_vq Dchjß, tKw̄ q c̄YZv mñúñKZ KñZcq MwYñZK mñ |

### 2q c̄t

**c̄g Aāvqt mñtebv**

eRñkxj I AeRñkxj NUbvi Rb̄ mñtebvi thñMmñ, kZñaxb mñtebv I ñaxb mñtebv (D`vniñYi mnñvñh), Abfñkxj I nbfñkxj NUbvi Rb̄ mñtebvi , Ybmñ (c̄gyY ēZxZ) |

MwYñZK mgmñ (ev̄e Rxeb wññEK mgmñ thgb-ej I Zñm BZñw̄ i mnñvñh)

**gwmK cixñv - tdeñquñ 2017 Gi vñtj evñ**

**cYñib : 30**

### 1g c̄t

**ZZxq Aāvqt: tKw̄ q c̄YZv: PZñR, `kgK, kZgñKi aviYv| CñyY Ki:**

- (i) Z\_“mwi i gvb „tj v nñZ MwYñZK Mñoi ēeavñbi mgñó kñb”i mgvb |
  - (ii) Z\_“mwi i gvb „tj v nñZ MwYñZK Mñoi ēeavñbi eñMñ mgñó ¶ñ Zg |
  - (iii) MwYñZK Mo gj I gvcxbi Dci nbfñkxj |
- (iv)  $G = \sqrt{G_1 G_2}$  thLñb  $n_1 = n_2 = n$
- (v)  $\text{`BñU abvñZK iñki Rb̄, A.M} \geq \text{G.M} \geq \text{H.M}$
- (vi)  $\text{`BñU abvñZK iñki Rb̄, A.M} \times \text{H.M} = (\text{G.M})^2$
- (vii)  $\text{c̄g n msLñK} \text{`ñfññEK msLñv} \text{ Rb̄ MwYñZK Mo} = \frac{n+1}{2}$
- (viii)  $\text{`BñU Zf̄_i tñññ} \bar{x}_c = \frac{n_1 \bar{x}_1 + n_2 \bar{x}_2}{x_1 + x_2}$



## 2q c̄

ବ୍ୟାକ ଆବଶ୍ୟକ : ^ ePj K I ମଧ୍ୟେବୀ ନେବୁ'ମ

^ ePj K, ନେବୁ'ମ e Pj K, dñskb I mgvKj tbi c̄\_ugK avi Yv,

$\int x^n dx$ ,  $\int (x^m \pm x^n) dx$  Ges  $\int_a^b x^n dx$ , m̄t̄ i c̄\_qM, ମଧ୍ୟେବୀ dñskb, ମଧ୍ୟେବୀ

NbZj dñsktbi avi Yv ମଧ୍ୟେବୀ dñskb, ମଧ୍ୟେବୀ NbZj dñskb ନ୍ଦୟାପି, ନେବୁ'ମ dñskb, ନ୍ଦୟାପି ମଧ୍ୟେବୀ dñskb, ମଧ୍ୟେବୀ dñskb ମଧ୍ୟକ୍ଷ ମଧ୍ୟକ୍ଷ ମଧ୍ୟକ୍ଷ ମଧ୍ୟକ୍ଷ

e'enwi K

AtkiYKZ I tkiYKZ Zt\_ i Rb'' MwYwZK Mo, m̄t̄ij Z MwYwZK Mo, R'wgwZK  
Mo, Zi½ Mo ନ୍ଦୟାପି, AvqZtj L I AñRfti Lv A½b, AñRfti Lv m̄nvt'h'' PZL\_R,  
kgK, kZgK ନ୍ଦୟାପି, AvqZtj L I AñRfti Lv m̄nvt'h'' ନେବୁ'ମ e'ebaitbi mgm'vi  
mgvavb |

## ତୃତୀୟ ପର୍ବ (ସାଦଶ ଶ୍ରେଣି)

tgq' Kij : GiCj 2017 - AvM÷ 2017

tgq' U tkiY Kvhd em - 75

ZZq ce'cixlvi mgvšZ mtj ewm

cYgub : 60

## Z̄Ēq 1g c̄

PZL\_Aa'vq : ନେବୁ'ମ c̄i gvc

ନେବୁ'ମ I Zvi c̄i gvc ci c̄\_qV RbxqZv, ନେବୁ'ମ c̄i gvc (c̄i mi, Mo  
e'eavb, t̄f' vsK, PZL\_R e'eavb, c̄i gvc e'eavb, t̄f' vsK), ନେବୁ'ମ c̄i  
gvc ci m̄nvt'h'' ନେବୁ'ମ c̄i gvc, t̄f' vsK I t̄f' vsK Dc̄thwMZv, t̄f' vsK I  
c̄i gvc e'eavbti Dci gj I gvcxii c̄i gvc,

ନେବୁ'ମ c̄i gvc ci Zj bvgj K Avtj vPbv, tKvb t̄P̄t̄ tKvb c̄i gvc Dc̄thwMZv, t̄f'  
Amg abvZK msL''vi Rb'' MD=SD=R/2, n msL''K abvZK msL''vi t̄P̄t̄  
100  $\sqrt{n - 1} > cv$ , c̄\_g n msL''K t̄f' msL''vi t̄f' vsK, m̄t̄ij Z  
c̄i gvc e'eavbti m̄t̄, t̄f' Zt\_ i Rb'' m̄t̄ij Z t̄f' vsK, ev̄ e t̄P̄t̄ ନେବୁ'ମ  
c̄i gvc m̄t̄ij Z D`vnijY |

c̄Ag Aa'vq : c̄i NvZ, e'vgZv I m̄Pj Zv

c̄i NvZ I c̄i Nt̄Zi c̄Kvi t̄f', t̄KwaZ c̄i NvZK AtkwaZ c̄i Nt̄Z i sc̄išt, AtkwaZ c̄i NvZK  
t̄KwaZ c̄i Nt̄Z i sc̄išt, c̄i Nt̄Zi c̄\_qV RbxqZv I e'enwi, e'vgZv I Gi c̄Kvi t̄f', ନେବୁ'ମ c̄Kvi



## cWμg wb'vm

eiWgZvi cwi gvc, mPj Zv I Gi cKvi†f^, mPj Zvi cwi gvc, cIP msL^vi mvi I Gi eenvi, Box & Whisker Plot G Z‡\_i Dc^vcb I metkIY|

**Aóg Aa^vq : evsj vt^t ki cKwkZ cwi msL^vb**

evsj vt^t ki cKwkZ cwi msL^vb i newfbœ Drm, evsj vt^t ki cKwkZ cwi msL^vb i tkMvefM evsj vt^t ki cKwkZ cwi msL^vb i mxgve×Zv I DrKI Zv ejxi Dcvq, mefkI Av^gi gvi x Abjhvqx cKwkZ Z\_ (RbmsL^v m¤úKZ)

### wZxq c†

**ZZxq Aa^vq : MwYnZK cL^vkv**

MwYnZK cL^vkvi msÁv, ^e Pj †Ki †f^ vsK, mn†f^ vsK I cwi NvZ, MwYnZK cL^vkv I †f^ vs†Ki ag^® `Bw Pj †Ki †¶† cL^vkvi thwMm† I , Ybm† i eYDv Ges Gt^ i cQqM, dvsktbi MwYnZK cL^vkv I †f^ vsK|

**PZL^Aa^vq : wC` x web'vm**

erfbq x Uiqqj I Zvi ^enkó, wC` x web'vm, wC` x web'vimi m†, wC` x web'vimi m¤ebv dvskb, wC` x web'vimi D^vniY, Mo I †f^ v½ ibYq I Z‡^ i Zj bv, wC` x web'vimi ag^® eenvi, ev^e D^vnitYi mwnvth wC` x web'vimi mgm^vej | cB I cL^wkZ NUb msL^vi Zj bv, ev^e †¶† wC` x web'vm vqj Ki Y|

**gwmK cixPv- Rb 2017 Gi wmtj evm**

cYqb : 30

### 1g c†

**PZL^Aa^vq : we^vi cwi gvc**

we^vi I Zvi cwi gvtci cQqRbxqZv, newfbœcKvi we^vi cwi gvc (cwi mi, Mo e^earb, †f^ vsK, PZL^R e^earb, cwingZ e^earb, newfbœcKvi cwi gvtci mwnvth we^vi cwi gvc, †f^ vsK I metf^ vs†Ki DcthwMZv †f^ vsK I cwingZ e^earb i Dci gj I gvcbxi cfrve,

we^vi cwi gvtci Zj bvqj K Avtj vPbv, tKvb †¶† tKvb cwi gvc DcthwMx, `J Amg abvZK msL^vi Rb^ MD=SD=R/2, n msL^K abvZK msL^vi †¶†  $100\sqrt{n - 1} > cv$ , cQg n msL^K †f^ weK msL^vi †f^ vsK, m¤qj Z cwingZ e^earb i m†, `B tmU Z‡\_i Rb^ m¤qj Z †f^ vsK, ev^e †¶† we^vi cwi gvc m¤qj Z D^vniY|

### wZxq c†

**ZZxq Aa^vq : MwYnZK cL^vkv**

MwYnZK cL^vkvi msÁv, ^e Pj †Ki †f^ vsK, mn†f^ vsK I cwi NvZ, MwYnZK cL^vkv I †f^ vs†Ki ag^® `Bw Pj †Ki †¶† cL^vkvi thwMm† I , Ybm† i eYDv Ges Gt^ i cQqM, dvsktbi MwYnZK cL^vkv I †f^ vsK|



gwmK cixTvi- Rjwb 2017 Gi mstj evm

cYgb : 30

## 1g c̄t

cAg Aāq : cwi NvZ, ew̄gZv I mPj Zv

cwi NvZ I cwi NvZi c̄Kvi tf̄, AtkwaZ cwi NvZtK tkwaZ cwi NvZ i fc̄s̄t cwi NvZi c̄qyRbxqZv I ēenvi, ew̄gZv I Gi c̄Kvi tf̄, newfbœc̄Kvi ew̄gZvi cwi gvc, mPj Zv I Gi c̄Kvi tf̄, mPj Zvi cwi gvc, cIP msL̄vi mvi I Gi ēenvi, Box & Whisker Plot G Zt\_ i Dc̄vcb I wetkIY|

## w̄Zxq c̄t

PZL̄cAāq : w̄c`x web̄m

ew̄b̄f̄ x Uiqyj I Zvi `ew̄kó", w̄c`x web̄m, w̄c`x web̄v̄mi m̄f̄, w̄c`x web̄v̄mi m̄teb̄ dvskb, w̄c`x web̄v̄mi D̄vniY, Mo I tf̄ v̄/4 w̄bYq I Zt\_ i Zj bv, w̄c`x web̄v̄mi aḡ I ēenvi, ev̄e D̄vni t̄Yi mv̄v̄th̄ w̄c`x web̄v̄mi mgm̄v̄ej | c̄B I c̄L̄w̄kZ NUbmsL̄vi Zj bv, ev̄e t̄P̄f̄t̄ w̄c`x web̄m w̄j KiY|

beg Aāq : Rxe cwi msL̄vb

Rxe cwi msL̄vb I Gi newfbœDrm, Rxe cwi msL̄vb m̄uñKZ newfbœ AbycvZ I nvi mgn̄ (wb̄f̄kxj Zvi AbycvZ, ij ½ AbycvZ, RbmsL̄vi NbZj AtkwaZ Rb̄hvi, mv̄vi Y c̄Rbb nvi, eqt̄muqK c̄Rbb nvi, tḡU c̄Rbb nvi, -j I bxJnvi, AtkwaZ gZinvi, RbmsL̄v ej̄xi nvi) ev̄sj v̄t̄ki RbmsL̄vi ej̄xi m̄uñK̄avi Yv|

## চতুর্থ পর্ব (দ্বাদশ শ্রেণি)

tgq̄v̄ Kyj : tm̄tP̄t̄ 2017 - b̄f̄t̄ 2017

tḡU tk̄iY Kvh̄w̄ em - 46

PZL̄cecixTvi mgw̄SZ mstj evm

cYgb : 100

## 1g c̄t

Iô Aāq : mst̄k̄l I wb̄f̄PY

w̄Pj K newkó Z\_, mnR mst̄k̄l I Gi aiY, mnR mst̄k̄l cwi gvc, wetP̄c w̄P̄t̄, mst̄f̄ vsK I mst̄k̄l v̄/4, mst̄k̄l v̄/4 aḡ c̄ḡY (mst̄k̄l v̄/4 gj I gvcbxI Dci wb̄f̄kxj Zv,  $r = \sqrt{b_{xy} b_{yx}}$ ,  $-1 \leq r \leq 1$  I ēenvi, mnR μg mst̄k̄l, wb̄f̄PY I wb̄f̄v̄/4, m̄f̄t̄i mv̄v̄th̄ wb̄f̄PY t̄i Lv wb̄i "cY (c̄ḡY c̄qyRb tbB) I ceffvm c̄v̄b|



# cWμg wb'vm

**mBg Aa'vq : Kyj xb mwi**

Kyj xb mwi, Kyj xb mwi i newfbœDcv`vb, Kyj xb mwi i mvaviY aviv wbYq; i newfbœc×wZ (gj<sup>3</sup> n-+ti Lv c×wZ, AvavMo c×wZ, Pwj Òz Mo c×wZ), Kyj xb mwi i e'envi |

## wbZxq c̄t

**cĀg Aa'vq : ^cmjweb'vm**

<sup>^</sup>cmj Pj K I ^cmjweb'vm, ^cmjPj tKi ev- e D`vniY, wC`x web'vm ntZ ^cmj web'vimi mætebv dvskb, D™tI b ^cmjweb'vimi Mo I tF`vsK, ^cmjweb'vimi e'envi | agFej, ^cmjweb'vimi newfbœMwvZK mgm'vewj |

**Iō Aa'vq : cwingZ web'vm**

cwingZ web'vm, cwingZ web'vimi tj LwP̄, Av` k°cwingZ Pj K Ges Gi Mo I tF`v/, cwingZ web'vm I cwingZ ti Lvi agFej x, cwingZ ti Lvi tj LwP̄ ntZ Zt\_ i ^ewkó, cwingZ mætebv mviwb, wC`x web'vm I tcmj web'vimi mt% cwingZ web'vimi mæúK(cögvY e'ZxZ), cwingZ web'vimi newfbœmgm'vewj, cwingZ web'vimi Dchj<sup>3</sup> Zv|

**mBg Aa'vq : mPK msL̄v**

mPK msL̄v I Gi c̄qvRbxqZv, newfbœai tbi mPK msL̄v (gj<sup>3</sup> mPK msL̄v, cwigvB mPK msL̄v BZ w), mvavi b I fvi AvfimcZ mPK msL̄v Ges Gt` i gta" cv\_R, mPK msL̄v wbYq c×wZ, mPK msL̄vi newfbœcix¶v, Av` k°mPK msL̄v, Rxeb hv̄vi e'q mPK msL̄v wbYq c×wZ, mPK msL̄vi e'envi |

**Aóg Aa'vq : bgþvqb**

bgþvqb mæúKZ newfbœi lqw` (bgþv, Z\_ wek, mmxg I Amxg Z\_ wek, bgþv GKK, bgþv AvKvi, enr bgþv, cwingZ bgþvR, bgþvR Rixc I tgvixi myeav I Amyeav, bgþvR muJ I AbgþvR muJ Ges Zv ntmi Dcvq, mætebv bgþvqb I DfI K gj K bgþvqb | mij ^ e bgþvqb, mij ^ e bgþvqtbi Mo I tF`v/, bgþv Rixfc ci Rb" ckgyj v c̄qtb i mvaviY wb‡ Rbv |

**e'envi K**

AtkIwKZ Z\_ ntZ mst̄kI v/ wbYq, mnR μg mst̄kI wbYq, wet¶c wP̄ AsKb, wbFPY ti Lv wbifCY (mt e'envi Kt i), Kyj xb mwi i mvaviY aviv I ceffvm wbYq, MYmsL̄v web'vimi mnvñth ^cmjweb'vm ugj KiY, wP̄tI i mnvñth c̄b I c̄wKZ NUbwmsL̄v Zj bv MYmsL̄v web'vimi mnvñth cwingZ web'vm ugj KiY, wP̄tI i mnvñth c̄b I c̄wKZ NUbwmsL̄v Zj bv, gj<sup>3</sup> I cwigvY mPK msL̄v, Rxebhv̄vi e'q mPK msL̄v, mPK msL̄vi newfbœcix¶v, Av` k°mPK msL̄v mbv<sup>3</sup> KiY, mij ^ e bgþvqtbi Mo I tF`vsK wbYq, bgþv Riwfc ci Rb" mnR ckgyj v Zix (wk¶tK i mnvñqZvq) Z\_ msMð I wet̄kI Y |

## পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)

tgqr Kyj : wImø 2017 - tdeqwi 2018

tgU tkIw Kvhd em - 43

cĀg ceccix¶vi mgwSZ wntj evm

cYgub : 100

wifD Km I cix¶v



## A\_ঠাণ্ডা

১ম ও ২য়

## প্রথম পর্ব (একাদশ প্রেণি)

tgqv` Kvj : Rj vB 2016 - btfx` 2016  
 tgvU tkw Kvhq` em - 89

cüg ceccixvvi mgwSZ wntj evm

cYgvb : 60

## 1g c†

1g Aa"vq: tgšij K A\_ঠাণ্ডাZ mgm"v I Gi mgvavb

- tgšij K A\_ঠাণ্ডাZ mgm"v: `fūc"Zv, Amxg Afve, wbePb mgm"v, Kx Drcv` b- Kx fvte Drcv` b-Kvi Rb" Drcv` b
- A\_ঠাণ্ডাZ e"e"mgjt A\_ঠাণ্ডাZ mgm"vi mgvavb: abZwšK A\_e"e"v, wbf"Rgj K A\_e"e"v, wgtA\_e"e"v, Bmj vgk A\_e"e"v
- e"woK I mgwloK A\_ঠাণ্ডাZi avi Yv

2q Aa"vq: tfv<sup>3</sup>v I Drcv` Ki AvPiY

- DcthvM t DcthvMi avi bv, tgvU I cōšK DcthvM, μgnwmgvb cōšK DcthvM wena
- Pwn` vi avi Yv: Pwn` v wena (mIP I ti LwPfī cōšk), Pwn` vi wbañ Kmgn, Pwn` vi AtcPK (-vaxb I wbfPKxj Pj K), Pwn` vi mgxKi Y MVb(Pj K, a"eK I Xvj )
- Pwn` vi w"vZ"vcKZv (-vg, Avq I AvovAvio w"vZ"vcKZv) I cwí gvc
- thwMvbi avi Yv: thwMvb wena (mIP I tj LwPfī cōšk), thwMvbi wbañ Kmgn, thwMvb AtcPK (-vaxb I wbfPKxj Pj K), thwMvb mgxKi Y (Pj K, a"eK I Xvj )
- thwMvb w"vZ"vcKZv
- fvi mgv" "vg I cwí gvb wbañ Y
- Pwn` v I thwMvb cwieZbi cfrve

## 2q c†

1g Aa"vq: evsj vt`tki A\_ঠাণ্ডাZi HwZnwmK cUfig

- evsj vt`tki tfSMij K Ae"v b cōškZK cwí tēk
- evsj vt`tki A\_ঠাণ্ডাZi KvVtgv, `ewkó" I MwZavi v
- %ekK cwí tcñtZ evsj vt`tki Ae"v b Ges fwel"r m"tebv

2q Aa"vq: evsj vt`tki Kv

- Kv i DcLvZ, wRwicZ newfbøDcLvZi Ae"v b , Kv Lvgvi I Kv RvZ
- Kv cYi wecbb: wecbb, wecbbi mgm"v, Kv wecbb mi Kv /i vtoí AskMöY



## cw<sup>W</sup>ug wb<sup>W</sup>m

- Kwl L<sup>W</sup>Z c<sup>W</sup>i eZ<sup>W</sup>bi avi: km<sup>W</sup> Drcv` b, Mew<sup>W</sup> c<sup>W</sup>i l<sup>W</sup>num-gj Mx c<sup>W</sup>l<sup>W</sup>ci j b,  
w<sup>W</sup>smo Pvl ,gyki<sup>W</sup>g Pvl, l<sup>W</sup>b<sup>W</sup>mx ^vcb
- Kwl Dbq<sup>W</sup>tbi Kg<sup>W</sup>l<sup>W</sup>Pmg<sup>W</sup>: Kwl Fb weZiY , Kwl DcKiY weZiY (Kwl  
DcKi<sup>W</sup>Yi fZRx, DcKiY mnRj f<sup>W</sup>KiY, DcKiY mnvqZv KvW<sup>W</sup>weZiY)km<sup>W</sup>  
e<sup>W</sup>g<sup>W</sup>l<sup>W</sup>KiY, tmP myeav m<sup>W</sup>úñviY, c<sup>W</sup>i tek `tY-%ekK DòZv I Rj evqy  
c<sup>W</sup>i eZ<sup>W</sup>RibZ c<sup>W</sup>i w<sup>W</sup>zi mv<sup>W</sup>\_ AwfthwR<sup>W</sup>bi Dc<sup>W</sup>q, c<sup>W</sup>gvYy I evqvtUK<sup>W</sup>bj w<sup>W</sup>R  
c<sup>W</sup>x<sup>W</sup>Z Ges AvBim<sup>W</sup>Ui e<sup>W</sup>envi
- Kwl c<sup>W</sup>h<sup>W</sup>3 D<sup>W</sup>teb: Dba<sup>W</sup> exR

gwmK cix <sup>W</sup> l <sup>W</sup> - AwM <sup>W</sup> 2016 Gi w <sup>W</sup> tj evm		c <sup>W</sup> g <sup>W</sup> : 30
c <sup>W</sup> g c <sup>W</sup> l	1g Aa <sup>W</sup> q: tg <sup>W</sup> wj K A_%wZK mgm <sup>W</sup> I Gi mgvavb	
w <sup>W</sup> Zxq c <sup>W</sup> l	1g Aa <sup>W</sup> q: evsj vt <sup>W</sup> tki A_<wZi HwZnwmK cUfig	

gwmK cix <sup>W</sup> l <sup>W</sup> - AwM <sup>W</sup> 2016 Gi w <sup>W</sup> tj evm		c <sup>W</sup> g <sup>W</sup> : 30
c <sup>W</sup> g c <sup>W</sup> l	2q Aa <sup>W</sup> q: t <sup>W</sup> f <sup>W</sup> 3v I Drcv` Ki AwPiY	
w <sup>W</sup> Zxq c <sup>W</sup> l	2q Aa <sup>W</sup> q: evsj vt <sup>W</sup> tki Kwl	

দ্বিতীয় পর্ব (একাদশ শ্রেণি) tgqv` Kvj : w <sup>W</sup> tm <sup>W</sup> 2016 - gwP <sup>W</sup> 2017 tgwU tkvI Kvhw <sup>W</sup> em - 82	
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w <sup>W</sup> Zxq ce <sup>W</sup> cix <sup>W</sup> l <sup>W</sup> vi mgv <sup>W</sup> Z w <sup>W</sup> tj evm	c <sup>W</sup> g <sup>W</sup> : 100
1g c <sup>W</sup> l	
3q Aa <sup>W</sup> q: Drcv` b, Drcv` b e <sup>W</sup> q I Awq	
- Drcv` b: Drcv` tbi avi Yv, Drcv` b A <sup>W</sup> c <sup>W</sup> l <sup>W</sup> K, DcKi <sup>W</sup> Yi c <sup>W</sup> i eZ <sup>W</sup> I Drcv` b, gw <sup>W</sup> MZ Drcv` b (μgnv <sup>W</sup> gvb μgea <sup>W</sup> vb I mgvbycwZK )	
- Drcv` b e <sup>W</sup> q: ^t Kvj xb Drcv` b e <sup>W</sup> q ^NRkj xb Drcv` b e <sup>W</sup> q, tgwU Mo I c <sup>W</sup> l <sup>W</sup> SK e <sup>W</sup> q	
- Awq: tgwU Awq Mo Awq I c <sup>W</sup> l <sup>W</sup> SK Awq	
4_ <sup>W</sup> Aa <sup>W</sup> q: evRvi	
- evRv <sup>W</sup> i i tkvI yefwM I %ekó mgv <sup>W</sup> - cb <sup>W</sup> l <sup>W</sup> thwMZvgj K evRvi , GK <sup>W</sup> PwUqvgj K evRvi , GK <sup>W</sup> PwUqv c <sup>W</sup> l <sup>W</sup> thwMZvgj K evRvi , Awj t <sup>W</sup> Mvcij , g <sup>W</sup> bvcmb evRv <sup>W</sup> i i avi Yv	
- dvg <sup>W</sup> I lk <sup>W</sup> tí i avi Yv- c <sup>W</sup> l <sup>W</sup> thwMZvgj K evRv <sup>W</sup> i `vg wba <sup>W</sup> Y (^t Kvj xb), GK <sup>W</sup> PwUqv evRv <sup>W</sup> i `vg wba <sup>W</sup> Y (^t Kvj xb)	
5g Aa <sup>W</sup> q: k <sup>W</sup> jevRvi	
- k <sup>W</sup> gi avi Yv	
- k <sup>W</sup> gi evRvi (tckv` <sup>W</sup> Zv, AwF <sup>W</sup> Sh <sup>W</sup> I AwSR <sup>W</sup> ZK) k <sup>W</sup> gi Pw <sup>W</sup> v, k <sup>W</sup> gi thwMvb	
- k <sup>W</sup> jevRv <sup>W</sup> i gRji wba <sup>W</sup> Y,	
- Aw <sup>W</sup> R I c <sup>W</sup> KZ gRji , gRji Awq	



**2q cī**

**3q Aa"vq: evsj v` tki wki**

-wki KvWtgy

-evsj v` tki wkti i tkilwebvn : AvZ¶y wki , ¶z wki , gSvix wki epr wki

- i Bvbxglx wki (cU, e\_i Pv Pgrov ^Zwi tcvlvK)

-Avg` vbx weKí wki

-wkti vbqtb mi Kwi bmxZ: mi Kvix I temi Kwi Askx wi Zi

**4\_©Aa"vq: RbmsL"v, gube m¤ú` Ges AvZKgms"v**

-RbmsL"vi cwi gvc I NbZj

- RbmsL"vi vbañ Kmgn (Rbvhvi, gZinvi I bxU Awfevmb )

-RbmsL"vi ZEj g"vj \_vimi ZEj I Kvg" RbmsL"v ZEj

- evsj v` tki RbmsL"v Ges KvWtgy (etqvtwj ½ I tfsMvj K)

-evsj v` tki RbmsL"v vbqSY Kvhepig

-gvbem¤ú` Dbqtb

-evsj v` tki gvbem¤ú` Dbqtb MpxZ KgmsP

-AvZKgms"vbi avi Yv

- AvZKgms"vbi Rb" Ki Yiq (mdj AvZKgxP tKBm mgx¶Y)

**5g Aa"vq: Lv" "wbivcËv**

-Lv" "wbivcËvi avi Yv

-Lv" "wbivcËvi w Kmgn (Lv" "i cÖc"Zv, Lv" "i µqfthvM"ZvI Lv" "i e"envi)

-evsj v` tki Lv" "wbivcËv cwi wZ

-Lv" "wbivcËv wbvñZKi tY evsj v` tki mi Kwi MpxZ c` t¶c

- wbivc` Lv" "i avi Yv I \_i "Zj

- Lv" "wbivc` Ki tY mi Kwi ,temi Kwi ms"v I RbmvaritYi fygKv

**6ô Aa"vq: A\_¶b**

- A\_¶tbi avi Yv

- A\_¶tbi Drmt wbR" ^mÂq, e"vsK FY, GbñRI , c¶R evRvi , tkqvi evRvi , eÜ gvtKø, c¶Bgví tkqvi I tmkÜwi tkqvi

- wki c¶R MVtb tkqvi gvtKøUi Ae`vb

**gwmK cix¶v - Rvbgywi 2017 Gi vmtj evm**

**cYgb : 30**

<b>c¶g cî</b>	3q Aa"vq: Drcv` b, Drcv` b e"q I Avg
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<b>wZxq cî</b>	3q Aa"vq: evsj v` tki wki
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<b>wZxq cî</b>	4_©Aa"vq: RbmsL"v, gube m¤ú` Ges AvZKgms"v
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**gwmK cix¶v - tde"qwi 2017 Gi vmtj evm**

**cYgb : 30**

<b>c¶g cî</b>	4_©Aa"vq: evRvi
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<b>wZxq cî</b>	5g Aa"vq: k¶evRvi
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<b>wZxq cî</b>	5g Aa"vq: Lv" "wbivcËv
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<b>wZxq cî</b>	6ô Aa"vq: A_¶b
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**তৃতীয় পর্ব (দ্বাদশ শ্রেণি)**

tgq̄v̄ Kyj : Gwci 2017 - AvM÷ 2017

tgq̄U tk̄Y Kv̄h̄ em - 75

**ZZaq cēcix̄vi mḡsZ wnt̄j evm**

**cYgb : 60**

**1g c̄t̄**

**6ô Aāvq: gj ab**

- gj abt gj atbi avi Yv
- gj atbi cKvi f̄ (̄vqx I Pj wZ)
- gj atbi MwZkxj Zv
- gj atbi thwMb
- gj ab msMVtbi Dcvq

**7g Aāvq: msMVb**

- msMVtbi avi Yv
- msMVb I Df̄ „^3v
- Df̄ „^3vi Kv̄h̄ej x
- msMVtbi cKvi f̄ (GKK, Askx vi x, thS\_ gj abx gwij Kv̄bv, Gb̄RI )

**8g Aāvq: LvRbv**

- LvRbvi avi Yv
- LvRbv wbañY
- LvRbv I `v̄gi m̄súK®
- wbg LvRbv

**9g Aāvq: mḡwMK Avq I ēq**

- mḡwMK Avtqi avi Yv: wRwMwC, wRGbAvB
- mḡwMK ēv̄qi avi Yv: tfvM, m̄Aq, wmbtqM I mi Kwi ēq
- Ave x A\_ ðwZtZ fv̄i mḡ Avq wbañY

**2q c̄t̄**

**7g Aāvq: gȳ w̄wZ**

- gȳ w̄wZi avi Yv
- gȳ w̄wZi c̄w gvc
- gȳ w̄wZi Kvi Y I c̄fve
- evsj vt̄ tk gȳ w̄wZi Kvi Y I c̄ZKv̄i i Dcvq

**8g Aāvq: AvSRwZK ewYR**

- AvSRwZK ewYtR i avi Yv
- AvSRwZK I Af̄ ſiwb ewYR
- AvSRwZK ewYtR i i "Zj
- evsj vt̄ tk AvSRwZK ewYtR c̄w eZtbi aviv
- evsj vt̄ tk Avg w̄b I i Bw̄b `ē
- i Bw̄b ewYR m̄súmvitYi Dcvq
- wek̄lq̄tbi avi Yv
- ewYR ebvg `et̄ w̄K mwvvh

**9g Aāvq: mi Kwi A\_ @ēv̄**

- mi Kvit i Avq I ēq



- mi Kvti i ečtiqi Dti kč
  - mi Kwi ečtiqi Ams - b
  - mi Kvti i Avti i "ZcYqLvZt cYq Ki , Avq Ki (gRyj Ges cčR weibčqm tčK)
  - mi Kwi FčYl Dti kč I Drmmgn

gwmK cixTl- Rp 2017 Gi wmtj evm		cYqub : 30
c <u>ł</u> g c↑	6ô Aa"vq: gj ab 7g Aa"vq: msMVb	
wZxq c↑	7g Aa"vq: gŷ wññZ	

gwmK cixTl- Rj wB 2017 Gi wmtj evm		cYgb : 30
cög c↑	8g Aa"vq: LvRbv	
	9g Aa"vq: mwgmK Avq I e"q	
wZxq c↑	8g Aa"vq: AvšRnZK ewyR"	
	9g Aa"vq: mi Kwi A_@e^-v	

## চতুর্থ পর্ব (দ্বাদশ শ্রেণি)

tgqv` Kyj : tmPox 2017 - bfPox 2017

tgvU tkN Kvh@ em - 46

PZl_CeCixlvi mgvšZ vntj evm	cYgb : 100
10g Aa <u>vq</u> : gy i I e <u>vs</u> K	1g cÎ
-gy i I e <u>vs</u> K: gy i, gy ii Kvh <u>e</u> j x, wenzZ gy i I AvgubZ ,gy ii gj , gy ii Pwn`v I thvMvb, gy ii cwi gvb ZE, tK`lq e <u>vs</u> Ki FY vbqsjYi nwvZqui mgn, ewYwR^K e <u>vs</u> K, ewYwR^K e <u>vs</u> Ki FY mRb, Abj vBb e <u>vs</u> Ks I tgvevBj e <u>vs</u> Ks Gi ,i "Zi ewbvwR^K e <u>vs</u> Ki mgvR tmev Kvh <u>g</u>	
10g Aa <u>vq</u> - Dbqb cwi Kí bv	2q cÎ
- Dbqb cwi Kí bvi avi Yv	
- Dbqb cwi Kí bvi cKvi tf` I Gt` i cvi -úvi K m¤úK®. `xNfgqw` I ga tfgqw` cwi Kí bv	
- ewl R Dbqb cwi Kí bv	
- Dbqbkxj t`tk Dbqb cwi Kí bvi AwfÁZv (j ¶gvív I celi AR®, m¤ú` eEb I AR®)	
- lô cA-ewl R K cwi Kí bv (Dt'k, j ¶gvív, Dbqb tKškj Ges LvZ Abhvwq eEb)	
- evsj vt` tk `vni `* metgvPtb Dbqb cwi Kí bvi fngKv	

## পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)

ተግኝነት አጭር : ወተምሬታ 2017 - ተደረሰውን 2018

tgwU tkW Kwh@` em - 43

cAg ce<sup>o</sup>cixTvi mgvSZ vni:j evm cYgb : 100  
wifD Km | cixTv



## f#Mvj

## ১ম ও ২য় পত্র

প্রথম পর্ব (একাদশ শ্রেণি)

tgqr` Kqj : Rj vB 2016 - btfpm 2016

tgqU tkly Kvh@ em - 89

cÜg ceCixPvi mgwSZ mtj evm

cYqib : 60

## cÜg cÎ

1g Aa"vq

cÜKlZK f#Mvj i cÜKlZK l ci mi, cÜKlZK f#Mvj i weIqe^- l Dcv`vb,  
cÜKlZK f#Mvj Aa"qtb i "Zi

2q Aa"vq

f-ZK l cU\_exi Af"ShY MVb, cU\_exi fngifc, Ae^-vb, MVb Kwvtgv,  
evsj vt`tki f-cÜKlZK "elko"

e"enwi K: mtgbvZ ti Lv n‡Z fngi eÜi Zv cÜ kØ

## v0Zxq cÎ

1g Aa"vq

gube f#Mvj , gube f#Mvj : avi Yv, t¶l, weIqe^- l kvLv, gube f#Mvj cv#Vi  
cÜqvRbxqZv, cU\_exi cævb ivR%oZK AÂj mgn gnvt`k l t`k (fvil, `vly  
tKwi qv, Rvcvb, h³ i vR, h³ i vó) ciwPvZ, evsj vt`k cÜvmibK AÂj  
e"enwi K: t`k l gnvt`k wfWEK gvbWPt AsKb Ges evsj vt`ki cÜvmibK  
AÂj cÜ kØ

2q Aa"vq

RbmsL"vi, RbmsL"vi RbqgZK Dcv`vb, RbmsL"vi AwfMgtbi KvIY, aiY  
l cÜfve, evsj vt`tki RbmsL"vi RbqgZK "elko", Rbhvi, gZinvi, tm-  
timl (Ratio), RbmsL"vi ejxvi, AwfMgb, RbqgZK UbbRmbvj gtWj l  
evsj vt`k, Nb‡Zj wfWEZ evsj vt`tki RbmsL"vi eEb l KvIY e"vL",  
evsj vt`k RbmsL"vi "Z ejxi cÜfve, cÜKlZK m¤ú l RbmsL"vi m¤úK©  
e"enwi K: eqt wciwgW AsKb l wetkIY, gvbWPt RbmsL"vi eEb cÜ kØ



## cW'ug wb'wm

gwmK cixTiv- Aw÷ 2016 Gi wmtj evm

cY@b : 30

c <u>o</u> g c̄t	c <u>o</u> g Aa''vq
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wZxq c̄t	c <u>o</u> g Aa''vq
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gwmK cixTiv- A‡vei 2016 Gi wmtj evm

cY@b : 30

c <u>o</u> g c̄t	wZxq Aa''vq
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wZxq c̄t	wZxq Aa''vq
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### ଦ୍ୱିତୀୟ ପର୍ବ (ଏକାଦଶ ଶ୍ରେଣି)

tgqr` Kvj : ମୁଖ୍ୟମନ୍ୟୁ 2016 - gWP 2017

tgvU tkiY Kvhw` em - 82

wZxq ce°cixTiv mgwSZ wmtj evm

cY@b : 100

### cog c̄t

3q Aa''vq

ciZ mÂv j b | ciuexi AvKw- \$K ciueZ@, f-Avtj vob | fugKwú, AvtMqMwí | AMuciZ, mubwg, wePYFeb | buFeb, RxRM‡Zi | ci axi | AvKw- \$K ciueZ@mgfni cufe, evsj vt`tki fug¶q Ges fugañm, b`x | b`xi chuq, evsj vt`tki fulb cuq, b`x e`e`v | mo fugj/c

4. @Aa''vq

evqj Dcv` vb | evqgEj i - + web'wm, evqy`+Y | `+K Drm, Rx RMZ | evqy`+Y, evqy`+Y cuZtiva

5g Aa''vq

Rj evqj Dcv` vb | wbqvgK, Zvc ej q, evqyPvc ej q, evqycëv, evqj Av`Zv | Nbxfb, tgN | epociZ, RxRM‡Z Rj evqj wfboZvi cufe, evqgEj xq tM‡j vt'hM, NySo, Kvj %ekvLx, UtbPW

### wZxq c̄t

3q Aa''vq

emwZ, tuShMuj K ciutek | emwZi wfboZv, evsj vt`tki MogxY emwZ, evsj vt`tki MogxY nwUevRvi, evsj vt`tki bMivqtb*i* aviv, evsj vt`tki cov bMi mg*n*, evsj vt`tki bMi mgfni AvZw<sup>3</sup> RbmsLvRbZ mgm'v | mgvavb e'enwi K: evsj vt`tki cov bMi mg*n* eM©I eE cuWZ‡Z gvbP‡t coko Ges bMi mgfni RbmsLvi wfboZv eYDvKiY



## cWüg wbüm

### 4. Aaüq

Kwl , Kwl KvühP tfüMwj K übqygK, wek; eücx avb, Mg, AvL, Pv Gi Drcv` b, übqygK, eÜb Ges A%üZK i "Zj, Kwl tPü: dmj Drcv` b, cüj b, grm" PvI, evsj vt` tkj cüvb Kwl tPü: dmj Drcv` b, cüj b, grm" PvI, evsj vt` tkj Kwl ms"v I Kwl Drcv` b Ae`vb, evsj vt` tkj Kwl I AvaybK cüb<sup>3</sup>, FZzwfÜEK dmj I evsj vt` tkj Rj evqy

eëenwiK: ~¤tj L wPtü i gvaüg Kwl Drcv` b cökb Ges Drcv` tbj cüZ eüLüKiY

### 5g Aaüq

LubR I kw<sup>3</sup> mpu~, wek; cüvb LubR mpu~: tj Šn AvKwiK, MÖdvBU wek; cüvb kw<sup>3</sup> mpu~ : tZj, M'vm, Kaj v evsj vt` tkj LubR I kw<sup>3</sup> mpu~, fvi tZi LubR I kw<sup>3</sup> mpu~, evsj vt` k Ges fvi tZi LubR I kw<sup>3</sup> mpu~ DtEjy b, eëenwi msi¶Y, cüi tek msi¶Y I LubR AvniY

### gwmK cix¶vi - Rübyüni 2017 Gi wntj evm

cYüib : 30

cüg cü	ZZxq Aaüq
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wZxq cü	ZZxq Aaüq
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### gwmK cix¶vi - tdeqwi 2017 Gi wntj evm

cYüib : 30

cüg cü	PZl Aaüq
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wZxq cü	PZl Aaüq
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2q ceëcix¶vi wntj evm 1g I 2q cüti 1g tük 5g Aaüq

### তৃতীয় পর্ব (দ্বাদশ শ্রেণি)

tgqr' Kyj : Gwci 2017 - AvM÷ 2017

tgwU tkwV Kvhw em - 75

### ZZxq ceëcix¶vi mgwsZ wntj evm

cYüib : 60

### cüg cü

### 6ô Aaüq

Rj evqj tküy wefM, wbi¶xq, fgaümMiq I tgShmgx Rj evqy evsj vt` tkj Rj evqy MÖnvDm cüve I wek; DövqY, Rj evqj cüi eZBkjx Zv, Rj evqy cüi eZB I evsj vt` k

eëenwiK: ~übxqfvte ejöcvZ, Zvcgvüv, Av`Zv I evqy cüv cüi gvc Ges AvenvIqv I Rj evqj cüZ mpuK®gZvgZ, mgZvc ti Lv, mgel¶ ti Lv AsKb Ges mgZvc I mgel¶ gvbüPü wek; Y, ejöcvZ DcvüEi mnvüh" ti LvPü AsKb I evsj vt` tkj FZzev gvmwfÜEK ejöcvZi cüi giY wek; Y



### 7g Aa''vq

cwibi Drm I eUb, cW\_exi mMi gnvmwMi, gnvmwMti i Zj t`tki fngifc, et½vcmwMti i Zj t`tki fngifc, cÖkvS-, AvUj wUK I fviZ gnvmwMti i Zj t`tki fngifc, cwitekti fviMvg i ¶vq I RxRMtZ cwbpþui fngKv, eenwi K: gnvmwMti i AvqZb cwBnPþi cÖ kØ

### wZxq c†

### 6ô Aa''vq

likí, likí Mto DVvi wbgvgKmgm, wetkji cÖvb likí DfEj b I eEb tj Šn I B-uvZ, e-i eqb likí, evsj vt`tki cÖvb likí wPib, wmtgU, mvi, Zwí tcvkvK, Jla, evsj vt`tki tcvkvK likí bvix Kgx© likí vctbi mw\_ Dbqtbj MwZkjxj avivi mwúK©likí vqb, mwye e-wcbv I ivR%wZK w-wZkjxj Zv

### 7g Aa''vq

cwienb I thwMfhwM, evsj vt`tki cwienb I thwMfhwM e-e-vi, evsj vt`tki cwienb e-e-vi I ci tfSMwj K cwitekti cÖve, evsj vt`tki moK e-e-vi, evsj vt`tki tbS I mgj^e`i Mto DVvi AbKj cwitek, evsj vt`tki Dbqtbj thwMfhwM e-e-vi

### gwMk cix¶v- Rj 2017 Gi wmtj evm

cYgb : 30

cÖg c†	Iô Aa''vq
wZxq c†	Iô Aa''vq

### gwMk cix¶v- Rj wB 2017 Gi wmtj evm

cYgb : 30

cÖg c†	mBg Aa''vq
wZxq c†	mBg Aa''vq

### চতুর্থ পর্ব (দ্বাদশ শ্রেণি)

tgqv' Kvj : tmfþx 2017 - bþfþx 2017

tgvU tkwv Kvhw em - 46

### PZL\_CeCix¶vi mgwSZ wmtj evm

cYgb : 100

### cÖg c†

### 8g Aa''vq

mgj^t-Zi KvY : AvUj wUK I fviZ gnvmwMiq t-Z, tRvqi fvUv KvY I tkwvfvM, tRvqi fvUv I evsj vt`tki DcKj xq AÄj



9g Aa“wq

c<sub>W</sub>\_exi Rx<sub>e</sub> `e<sub>W</sub>P<sub>1</sub>”, evsj  $\not\in$   $\{\text{ki ebv}\bar{A}\}$ , B<sub>t</sub>Kw<sub>m</sub> $\not\in$ g | ev<sub>t</sub>qvg, evsj  $\not\in$   $\{\text{ki evtqvg, ciw t<sub>e</sub>tki fvi mvtg}\}$  Kve<sub>0</sub> | bvB<sub>t</sub>U<sub>t</sub>R<sub>b</sub> P<sub>μ</sub>, c<sub>W</sub>K<sub>Z</sub>K ciw t<sub>e</sub>tki `tY, Kvi Y | c<sub>W</sub>Z i<sub>va</sub>

10g Aa''vq

gybñP†i avi Yv I eenvi, t-đj i ckvi tf I eenvi, Ae-ib I `i Zi  
ibYq t-đj i eenvi

ēenwi K: mij t̄-j | KYq t̄-j A½b Ges ēenwi, gybwPT ms‡KvPb |  
m¤úñwi Y Kt̄i AsKb

WZKQ C1

8g Aa“wq

ewYR", ewYtR'i cKuZ I AvšR@ZK ewYR" msMvb, wetkji mtePp iBmbKvi K  
t' k, iBmb cY, evsj vt' tki ewYtR'i cKuZ, evsj vt' tki mv‡\_ Avg`wb I  
iBmbKvi K c‡ub KtqKuJ t' tki (Pxib, Rvcib, `WtY tKwi qy, hy³ivR" hy³ivO)  
ewYR" m¤úK‡ evsj vt' tki 'et' wK gy‡ AR‡b Ac‡p j Z cY I Rbkui³ iBmb |  
evsj vt' tki iBmbthuM c‡Y'i Drcv` b epxi ,i "Zi %‡' wK ewYR" fy³ t' k  
evsj vt' tki ewYtR'i myeav Amyeav, evsj vt' tki Rbkui³ Avg`wbKvi K c‡ub  
t' kmqtni Rbkui³ Pwñ` vi weteP" weIqmgn |

9g Aa''\o

‐†Y I ‐jhM, gubemó ‐†Y I ‐†Y tivai Dcvq, ‐†Y I cÖKwZK ‐jhMi mxúK,  
evsj v‐tki cwi tek Awá Btii MpxZ c‐†¶c, cÖKwZK ‐jhM tgvKtej I cÖZiva,  
cÖwZ, mvov ‐vb I cpi”xvi, Dbøbgj K KgRytÈ cwi tekevÜe cwi Kí bvi .i”Zi  
e'enwi K: ‐†fšMwvi K ‐vb chf¶Y I cÖZte` b ^Zwi Ki Y

10g Aa“wq

gwbwP† Awf†¶c, wR AwB Gm

e'enwi K: qvbwP̄ Awtq̄c AsKb I c̄q̄M : mi j̄ tej b, mi j̄ -bKe, tgi "t̄ kxq

4. *Ce cix vi vmtj evm 1g | 2q ct̄i 6ô t̄tK 9g Aa vq*

## পঞ্চম পর্ব (বিশেষ ক্লাস প্রোগ্রাম)

ተጋናኑ ክፍያ : ወዕስ በ 2017 - ተደርሏዊ በ 2018

tgwU tkW Kwh em - 43

cÂg ce©cix¶vi mgwšZ wntj evm

cY@b : 100

winFD Km | cix1v

## ক্লাস রুটিন

বার	1	2	3	4	5	6
শনিবার						
রবিবার						
সোমবার						
মঙ্গলবার						
বৃথবার						
বৃহস্পতিবার						

বি  
র  
তি

\* আমি প্রতিটি পরীক্ষায় অংশগ্রহণ করে অবশ্যই পাস করবো।

\* আমি ধূমপান করি না এবং কলেজে মোবাইল ফোন আনবো না।