

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name: Pedagogy of Science Group-A

Subject Code: 4ED02PSC2

Branch: B.Ed.

Semester: 2

Date: 12/05/2017

Time: 2:00 To 5:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

5]`G o !sVf GLR[VF5[,F 5]`GMDF\YL SM. 56 V[S 5]`GGMVFXZ[5)) XaNMDf\ pàZ
VF5MP s)*f

s!f V[SD VFIMHGGL ;\Sÿ5GF H6FJL V[SD VFIMHGGF ;M5FGM VG[;FNF 5F9
VFIMHG VG[

V[SD 5F9 VFIMHG JrR[GF TOFJT ;IJ:TFZ RRM”P

sZf D}ÿIF\SG 5|IS|IF V[8,[X]\ m D}ÿIF\SG 5|IS|IFGF C[T]VM J6”JL 5]`GMGF IJ JW
5|SFZMGL pNFCZ6
;ICT RRF” SZMP

5]`G o !sAf GLR[VF5[,F 5]`GMDF\YL SM. 56 A[5]`GMGF VFXZ[!5) XaNMDf\ pàZ
VF5MP s)^f

s!f aÿl] I5|g8 V[8,[X]\ m aÿl] I5|g8GF DCtJ ;DHFJMP

sZf IJ7FG IX1SGF ,16M H6FJMP

s#f IJ7FG GF WMZ6 (;[D[:8Z Z GL 5F9I5]:TSG]\ VFT\ZS D}ÿIF\SG SZMP

5]`G o ZsVf GLR[VF5[,F 5]`GMDF\YL SM. 56 V[S 5]`GGM VFXZ[5)) XaNMDf\ pàZ
VF5MP s)*f

s!f GM\W ,BM o 0MP ;LPJLP ZFDG 4 ;Z VF.h[S gl}8G

sZf IJ7FG D\0/GM VY” H6FJL IJ7FG D\0/GF C[T]VM VG[5|J’làVMGL ;IJ:TFZ
RRF” SZMP

5]`G o ZsAf GLR[VF5[,F 5]`GMDF\YL SM. 56 A[5]`GMGF VFXZ[!5) XaNMDf\ pàZ
VF5MP s)^f

s!f IJ7FG D[/FGM DCtJ VG[SFI”S|D 8}\SDF\ H6FJMP

sZf DFK,L3ZGL ZRGF 8}\SDF\ J6”JMP



s#f IJ7FG 5|ITEF XMW SFI”S|DGF C[T]VM ;DHFJMP

5|`G o #sVf GLR[VF5[,F 5|`GMDF\YL SM. 56 V[S 5|`GGMVFXZ[5)) XaNMDf\ pàZ VF5MP s)*f

s|f SMQ V[8,[X]\ m SMQLI AWF\Z6 \T””UT SMQZ; :TZ VG[SMQNLJF,GL ;IJ:TFZ RRF” SZMP

sZf ;}äD_JMGF 5|SFZMGL IJ:T’T RRF” SZL ;}äD_JM <FZF YTF ZMUM IJX[H6FJMP

5|`G o #sAf GLR[VF5[,F 5|`GMDF\YL SM. 56 A[5|`GMGFVFXZ[!5) XaNMDf\ pàZ VF5MP s)^f

s|f IGIIDT VG[VIGIIDT UIT ;DHFJMP

sZf V[SSMQL ;_J VG[AC]SMQL ;_J JrR[TOFJT :5q8 SZMP

s#f IGZ5[1 JS|LEJGF\S VG[;F5[1 JS|LEJGF\S V[8,[X]\ m

5|`G o \$sVf GLR[VF5[,F 5|`GMDF\YL SM. 56 V[S 5|`GGMVFXZ[5)) XaNMDf\ pàZ VF5MP s)*f

s|f D[Z]N\0L V[8,[X]’m 5’q9J\XL 5|F6LVMGL IJUTJFZ RRF” SZMP

sZf VF[IS;HG JFI] V[8,[X]\m VF[IS;HG JFI]GF EF{ITS VG[ZF;FIIGS U]6WDM” ;DHFJL

VF[IS;HG JFI]GF p5IMUM H6FJMP

5|`G o \$sAf GLR[VF5[,F 5|`GMDF\YL SM. 56 A[5|`GMGFVFXZ[!5) XaNMDf\ pàZ VF5MP s)^f

s|f G{;IU”S ;}5làGF 5|SFZM 8}\SDF\ ;DHFJMP

sZf \TUM”/ VZL;M VG[AICUM”/ VZL;M VY” :5q8 SZL[\TUM”/ VZL;M VG[AICUM”/ VZL;M

JrR[SM.56 A[TOFJT H6FJMP

s#f WFT]GF EF{ITS U]6WDM” ;DHFJMP

5|`G o 5 GLR[[VF5[, TDFD 5|`GMGF V[S XaN S[V[S JFSIDf\ pàZVF5MP s!\$f

s|f IJ7FG IX16GF SM. A[;FDIISMGF GFD H6FJMP

sZf D,[IZIF ZMUGM O[,FJM SM6 SZ[K[m



s#f JSVZL;FGL 5ZFJT”S ;5F8LGF DwIIAN]G[X\] SC[K[m

s\$f 5|IMUXF/F V[8,[X]\ m

s5f IOÿD S[GF8SMDF\ S’l+D W]DF0M pt5gG SZJF SIF JFI]GM p5IMU yFFI K[m

s^f p•” V[8,[X]\ m

s&f ;_JM 5|HGGIS|IF XF DF8[SZ[K[m

s*f pEI_JL 5|F6LVM V[8,[X]\ m

s(f U]Z]tJ5]J[U V[8,[X]\ m

s!)f aÿl] l5|g8GF S[8,F 5lZDF6 K[m

s!!f 5|ITEF XMW SFI”S]D \T”UT S[8,F Vwl[TFVMG[IXqIJ’là VF5JFDF\ VFJ[K[

m

s!Zf 5F9l5]:TSGF DÿIF\SG DF8[,].; JMU[, [S[8,F lJEFUM VF%IF K[m

s!#f DFK,L3ZG[AL• SIF GFDYL VM/BJFDF\ VFJ[K[m

s!\$f ïS|[:SMU|FOđ:Jl\;RFl,T ;FWG SM6[AGFjI]\ CT]\m

