

Enrollment No: \_\_\_\_\_ Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2019

Subject Name : Pedagogy of Science Group-A

Subject Code : 4ED02PSC2

Branch: B.Ed. (Gujarati)

Semester : 2

Date : 29/04/2019

Time : 02:30 To 05:30

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]`GGM VFXZ[ 5)) XaNMDf\ pàZ  
VF5MP s)\*f

s!f D}ÿIF\SGGL ;\Sÿ5GF\ ;DHFJL IJIJW 5|SFZGF\ D}ÿIF\SGGF\ 5]`GMGL  
IJUTJFZ RRF" SZMP

sZf IJ7FGGF\ 3MZ6 \* GF\ 5F9I5]:TS G] VF\TIZS VG[ AFÑ D}ÿIF\SG 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 IJ7FG IX1SGF\ ,16M T[DH jIFJ;FIIS ;pHTF RRM"P

sZf IGNFG S;M8LG]\ DCtJ H6FJMP

s#f aÿl} I5|g8 AGFJTL JBT[ S.<S> AFATM wIFGDF\ ZFBXM m

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

s!f IJ7FGD\0/GL ;\Sÿ5GF\ ;DHFJL T[GL IJIJW 5|J'ITVM IJX[ IJUT[ RRF" SZMP

sZf XF/FDF\ DFK,L3ZGL ZRGF VG[ HF/J6L TD[ XL ZLT[ SZXM m

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

s!f IJ7FGD[/FGF\ 5|SFZMGL 8})SDF\ DFICTL VF5MP

sZf IJ7FG 5|ITEFXMW SFI"S|DGF\ C[T]VM H6FJMP

s#f VFÿA8" VF.g:8F.G G]\ IJ7FG1[+[ 5|NFG H6FJMP



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

s!f J[UDFGG]\ ;Z16 ;IJ:TZ ;DHFJMP

sZf GF.8=MHGRS| G|\ VFS'IT ;C J6"G 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 WFT] VG[ VWFT]GF\ p5IMUM ,BMP

sZf gl]8GGL UITGM +LHM IGID ;DHFJMP

s#f pqDFG]\ 5|;Z6 8)\SDF\ ;DHFJMP

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

s!f ;}|"D\0/ IJX[ IJUT[ RRF" SZMP

sZf H,RS|G|\ VFS'IT ;C J6"G 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 E}S\5 ;FD[ Z16 DF8[ TD[ XF\ 5U,F\ ,[XM m

sZf ;[lg2l BFTZ IJX[ 8)\SGM\W ,BMP

s#f E}IDGF\ 5|SFZM IJUT[ ;DHFJMP

5|`G o 5 GLR[ VF5[,F 5|`GMDF\YL TDFD 5|`GMGF V[S XaN S[ V[S JFSIDf\ pàZ  
VF5MP s!\$f

s!f DFK,L3ZGL H,H JG:5ITVMGF\ GFD ,BMP

sZf IJ7FG 5|ITEF WZFJTF Vwl[TFGF\ A[ ,16M ,BMP

s#f V[SD5F9 VFIMHG V[8,[ X)\ m

s\$f 5|IMUXF/FDF\ GB VG[ ET GF\ 5}ZF\ GFD ,BMP

s5f CFC G)\ 5}Z)\ GFD H6FJMP

s^f V6] X)\ K[ m

s&f JG:5ITHgl ZMUMGF\ GFD H6FJMP

s\*f ATP G)\ 5}Z)\ GFD H6FJMP



s(f XLT/FGL Z;LGF\ XMWS SM6 CTF\ m

s!)f G1+ V[8,[ X]\ m

s!!f SIF\ A[S8[ZLIF JFTFJZ6DF\GF\ GF.8=MHGG[ 'Fjl :J~5DF\ ~5F\TIZT SZ[ K[

m

s!Zf nQ"6 VMK] SZTF\ 5NFY"G[ X]\ SC[ K[ m

s!#f JFCG[ SF5[,]\ V\TZ \_\_\_\_\_ ;FWGDF\ D5FI K[ m

s!\$f IJ`J H/ INJ; SIFZ[ pHJJFDF\ VFJ[ K[ m

