

# C.U.SHAH UNIVERSITY

## Summer Examination-2018

**Subject Name: Educational Evaluation and Statistics**

**Subject Code: 4ED04EES4**

**Branch: B.Ed.**

**Semester: 4**

**Date: 03/05/2018**

**Time: 10:30 To 12:00**

**Marks: 35**

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 ;\XMWG VG[ X{1I6S ;\XMWGGM VY" H6FJL ;\XMWGGF ,16M4 ÔSFZ VG[ T[G]\ DCtJ

;DHFJMP

sZf S[P \_P N[;F> IR\TF DF5N\0 5ZGF ÔF%TF\SMG]\ VFJ'!à IJTZ6 GLR[ D]HA DâI]\ K[ T[GF 5ZYL

ÔDF6 IJR,G VG[ 5FN:Y IJR,GGL U6TZL SZMP

JU"	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84
VFJ'!à	01	01	04	06	10	08	05	03	02

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

s!f ;DWFZ6 J@Z[BFGM VY" VF5L T[GF ,16M H6FJMP

sZf GLR[ VF5[, VFJ'!à IJTZ6GM DwIS WFZ[,L ;ZF;ZLGL ZLT[ XMWMP

JU"	0-9	10-19	20-29	30-39	40-49	50-59	60-69
VFJ'!à	02	03	11	15	17	09	03

s#f GLR[ VF5[, VFJ'!à IJTZ6 5ZYL 20D)\ XTF\X:Y XMWMP



JU"	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74
VFJ'là	02	05	10	15	23	16	10	07	02

**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 J@Z[BFGL IJQDTF VG[ 3\8FSFZGL SS)NTFGF ÔSFZM VFS'IT ;ICT ;DHFJMP

sZf WMZ6<IZ GF GFDP}P VG[ VY"XF:+ IJQIGF ÔF%TF\SM GLR[ D]HA VF5[, K[P T[ 5ZYL A\G[

IJQIGF ÔF%TF\SM JrR[GM ;C;\AW 5IZA/ U]6FSFZGL ZLT[ XMWL VY"38G SZMP

GFPD}P IJQIGF U]6							
VY"XF:+ IJQIGF U]6		40 – 49	50 – 59	60 – 69	70 – 79	80 - 89	90 – 99
	80 - 89	-	-	-	02	04	04
	70 – 79	-	-	01	04	06	05
	60 – 69	-	-	05	10	08	01
	50 – 59	01	04	09	05	02	-
	40 – 49	03	06	06	02	-	-
	30 – 39	03	05	04	-	-	-

**5) G o ZsAf GLR[ VF5[,F 5) GMDF\YL SM.56 A[ 5) GGMGF VFXZ[ !5) XaNMDF\ pàZ VF5MP s)^f**

s!f ;C;\AWGF ÔSFZM ;DHFJMP

sZf XTFX:YGF VFWFZ[ SS)NTFGL U6TZL SZL VY"38G SZMP

P90 = 187, P10 = 152 VG[ Q = 8.28

s#f ;ZF;ZL 12.84 Dwl:Y 12.5 VG[ ÔDFI6T IJR,G 2.01 CMI TM SF," 5LI;"G 5†ITYL

IJQDTFGL U6TZL SZL VY"38G SZMP

**5) G o # GLR[ VF5[, TDFD 5) GGMGF V[S XaN S[ V[S JFSIDF\ pàZ VF5MP s)&f**

s!f IJ:TFZ SMG[ SC[ K[ m

sZf Dwl:Y V[ S[8,FD]\ XTFX:Y K[ m



s#f ÔITXT @DF\S X[G]\ ;)RG SZ[ K[ m

s\$f r = - 1.13 ;C;\A\WF\SG]\ VY"38G SZMP

s5f HM IJS'ITG]\ DF5 0.297 CMI TM 3\8FSFZGL S> IJS'IT ;HF"> CX[ m

s^f JU" 0 - 5, 5 - 10, 10 - 15... JU" ,BJFGL VF ZLT SIF GFD[ VM/BFI K[ m

s&f J@Z[BFGL S[JF ÔSFZGL IJQDTDF\ ;ZF;ZL SZTF\ Dwi:YGL IS\DT VMKL  
CMI K[ m

