

# C.U.SHAH UNIVERSITY

## Winter Examination-2019

**Subject Name: Methodology of Education Research-3**

**Subject Code: MED03MER3**

**Branch: M.Ed.**

**Semester: 3**

**Date: 15/10/2019**

**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[,F5]`GMDF\YL SM. 56 V[S5]`GGM VFXZ[ 5)) XaNMDf\ pàZ VF5MP s)\*f**

s!f ;\AIWT ;FICtIGF :+MTMGM DCtJ H6FJL ;\AIWT ;FICtIGF UM{6;\NE”  
 :+MTMGL(Secondary  
 sources) IJ:T’T RRF” SZMP  
 sZf ;\XMWG VC[JF,G]\ 5}6” DF/B)\ NXF”JMP

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

s!f VG]5}IT”VMsApandices) V[8,[ X]\m  
 sZf \tIGMW\ ZH} SZJFGF ;FDFgl IGIDM H6FJMP  
 s##f ;FZF ;\XMWG VC[JF,GL ,F1I6STFVM H6FJMP

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

s!f 5];FZDFG V[8,[ X]\m 5];FZDFGGF DF5MGL IJ:T’T RRF” SZMP  
 sZf V[S ;F:\S’ITS SFI”S|DDF\ EFU ,[TF 50 IJWFYL”VMG]\ T[DGL pDZ NXF”JT]  
 VFJ’là IJTZ6 GLR[  
 D]HA K[ T[ 5ZYL Dwl:YGL IS\DT GSSL SZMP

JU” spDZf	0-4	5-9	10-14	15-19	20-24	S],
VFJ’là	04	12	20	12	02	50



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

s|f Dw|SGM VY" VG[ p5IMU H6FJMP

sZf X{1I6S ;\XMWGDf\ VF\S0FXF:+GM DCtJ J6"JMP

s#f AC],SGM VY" VG[ AC],SGF VJUL""S'T VG[ JUL"S'T DFICTLGL U6TZL  
;DHFJMP

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

s|f ;C;\A\WGM VY" ;DHFJL OF. ;C;\A\W VG[ VF;\U ;C;\A\W IJX[ IJ:T'T RRF" SZMP

sZf IJQDTF (skewness)GF 5|SFZM H6FJL NZ[SGL VFS'TL NMZL T[GF\ ,16M  
H6FJMP

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

s|f S|S|NTFGF 5|SFZM IJX[ 8)\SDF\ H6FJMP

sZf ;DWFZ6 JS|Z[BFGL ;\Sÿ5GF VG[ ,16M H6FJMP

s#f SF," I5|;"GGL U]6G 5|3FTGL ZLT (Product Moment Correlation) 8)\SDF\ ;DHFJMP

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

s|f V5|FR,LI S;M8LVMGL (Non-Perametric test) ;\Sÿ5GF4 XZTM H6FJL V5|FR,LI  
S;M8LVMGL

;IJ:TFZ RRF" SZMP

sZf DFICTL IJ`,[Q6GM VY" H6FJL DFICTL IJ`,[Q6GF ;M5FGM IJX[ IJ:T'T RRF"  
SZMP

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

s|f ptSÿ5GFGL RSF;6L IJX[ ;DHFJMP

sZf DFICTL IJ`,[Q6 \T"UT ;FY"STF S1F IJX[ H6FJMP

s#f S|F\ITS U]6MtTZ IJX[ 8)\SDF\ ;DHFJMP

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

s|f GFGF IGNX" DF8[ CRG[ SIF U]6MtTZ TZLS[ VM/BJFDF\ VFJ[ K[m

sZf XTF\X:Y V[8,[ X)\m



s#f ;\5FNG V[8,[ X]\m  
s\$f Dwl:YGF ;}+ H6FJMP  
s5f 5|ITXTS|DF\SGM ;\S[T X[GF J0[ NXFJJFDF\ VFJ[ K[m  
s^f OF. ;C;\A\WF\S SIFZ[ p5IMUL AG[ K[m  
s&f ;\XMWG VC[JF,GF ALHF 5|SZ6DF\ X[GM pÿ,[B SZJFDF\ VFJ[ K[m  
s\*f S]S]NTFG[ \U[\_DF\ X] SC[ K[m  
s(f 5LV[RP0LP S1FI[ YI[,F ;\XMWGMV[ S[JF 5|SFZGF :+MT K[m  
s!)f ;FZ6LSZ6 V[8,[ X]\m  
s!!f U]6G 5|3FTGL ZLT SM6[ VF5L K[m  
s!Zf RI,TTFGF 5ýYSSZ6G[ ALHF SIF GFD YL VM/BJFDF\ VFJ[ K[m  
s!#f VF;\U ;C;\A\WGM ;\S[T H6FJMP  
s!\$f ;\N”E;}IR V[8,[ X]\m

