

74 B12
CODE : FLUORIDE

oct 2008

Time : 2 Hrs.

S.M.T.

Marks : 60

- Instructions :
- 1] All questions are compulsory .
 - 2] Each question carries equal marks.
 - 3] Only simple calculators are allowed.
 - 4] Log tables will be supplied on request.

Q.1 a) Define (i) Arithmetic mean for grouped data

ii) Mode for grouped data

04

b) Following data gives income distribution of some families

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Income (in '000 Rs.)	No. of families
30 - 34	5
34 - 38	8
38 - 42	14
42 - 46	10
46 - 50	3

Find median for the above data. Also find median graphically.

c) Find the missing frequency in the following distribution given that arithmetic mean is 96

weekly Expenditure	No. of families
50 - 70	20
70 - 90	60
90 - 110	70
110 - 130	-
130 - 150	10

05

OR

Q.1 a) Give merits and demerits of mode.

04

b) The data given below is age distribution of school teachers.

Age in years	No. of teachers
22 - 26	5
26 - 30	8
30 - 34	14
34 - 38	16
38 - 42	10
42 - 46	6

Find Q1 and Q3. also find coefficient of quartile deviation.

06