

Statistical Analysis and Measures of Central Tendency-2

Model Exam Question paper - 2

11th Standard

Economics

Reg.No. :

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I. Answer all the questions

Time : 00:45:00 Hrs

Total Marks : 35

Part-A

2 x 1 = 2

- 1) Statistics is a branch of
(a) Commerce (b) Economics (c) Mathematics (d) Accountancy
- 2) The Latin word status represents
(a) Logic (b) Science (c) Economics (d) Statistics

Part-B

6 x 2 = 12

- 3) Define statistics.
- 4) What are the types of data?
- 5) Write a note on graphs and diagrams.
- 6) What are the types of classification?
- 7) Calculate Mode:
450, 400, 380, 370, 400, 420, 450, 340.
- 8) How will you calculate Mode for Grouped data.

Part-C

2 x 3 = 6

- 9) Distinguish between graphs and diagrams.
- 10) Examine the characteristics of a good average.

Part-D

3 x 5 = 15

- 11) Represent the following data through a simple bar diagram.

Year	2001	2002	2003	2004	2005	2006
No. of students in a college	1000	1500	2000	2500	2400	2200

- 12) Construct a pie diagram with the given data below:

Items of Expenditure	Food	Rent	Clothing	Fuel	Education	Misc.
Percentage	60%	12%	8%	8%	6%	6%

- 13) Comment on the performance of the students of the two universities given below using sample and weighted arithmetic average.

University	Chennai		Madurai	
Course of study	Percentage of pass	Number of students	Percentage of pass	Number of students
MA	71	3	82	2
M.Com.	83	4	76	3
M.Sc.	66	3	60	7
B.A.	73	5	73	6
B.Sc.	65	3	65	3
B.Com.	74	2	76	7
