

2015

Full Marks : 100

Time : 3 hours

The questions are of equal value

Answer Five questions, selecting three from
Group-A and two from Group-B

Group-A

1. Define management Explain its scope and functions.
2. Discuss the role and contribution of F.W. Taylor in the field of scientific management.
3. Define planning. Explain the principles of policy making.
4. Define organization and differentiate between formal and informal organisation.
5. What is management by objectives? Explain the features of MBO.
6. What is communication? Explain the principal of effective communication.
7. Calculate mean, median and mode from the following table :

| | | | | | |
|------------------------|---------|---------|---------|---------|---------|
| <i>Income(Rs)</i> | 100-200 | 100-300 | 100-400 | 100-500 | 100-600 |
| <i>No. of students</i> | 15 | 33 | 63 | 83 | 100 |

8. Explain the meaning of central tendency. State various measures of central tendency.
9. Find out quartile deviation and mean deviation from the following data :

| | | | | | | | | | |
|------------------|----|----|----|----|----|----|----|----|----|
| <i>Size</i> | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 |
| <i>Frequency</i> | 15 | 20 | 32 | 35 | 33 | 22 | 22 | 10 | 08 |

10. Explain the concept of regression and discuss its utility.
11. Calculate Karl Pearson's coefficient of correlation between X and Y :

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| X | 64 | 63 | 67 | 65 | 69 | 68 | 70 | 69 | 71 |
| Y | 63 | 65 | 65 | 63 | 67 | 67 | 71 | 68 | 68 |

12. What is sampling? Explain the important methods of sampling.
