

Q1 "British rule adversely hampered the Industrial Sector of India". Do you agree with this view? Give reasons in support of your answer.

Q2 Explain the method of mailed questionnaire for collecting primary data. Give any 3 merits and demerits.

Q3 The following table gives the profit earned by various companies. Calculate the average profit earned by step-deviation method.

| Profit (₹ in crore) | No. of Companies |
|---------------------|------------------|
| Less than 20 | 5 |
| Less than 30 | 22 |
| Less than 40 | 48 |
| Less than 50 | 60 |
| Less than 60 | 83 |
| Less than 70 | 100 |

Q4 Differentiate between census and sampling methods of data collection.

Q5 Explain some of the positive contributions made by British rule in India.

Q6 Calculate median for the following data:

| Marks | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 |
|-----------|------|-------|-------|-------|-------|
| frequency | 3 | 4 | 2 | 7 | 9 |

Q7 From the following data relating to cement production of a factory, prepare a simple bar diagram.

| | | | | | | |
|-----------------------------|------|------|------|------|------|------|
| Year | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
| Production (in M. Tones) | 125 | 175 | 260 | 310 | 450 | 520 |

Q8 Draw a pie diagram to represent the following data of expenditure of an average working class family.

| | | | | | |
|---------------------------|------|----------|---------|-----------------|---------------|
| Items | Food | clothing | Housing | Fuel & Lighting | Miscellaneous |
| % of Total Expenditure | 60 | 15 | 10 | 12 | 3 |

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Note: ① Holiday home work has to be submitted latest by 4th July '16.

② There will be class test of Measures of Central tendency after the vacations.