Estimate expenditure of a household if income increases by 50%.

| Income ('000 ₹) | | | Consumption ('000 ₹) |
|-----------------|----|-----------|----------------------|
| | 10 | | 9 |
| | 20 | | 16 |
| 44 | 30 | | 20 |
| | 34 | (Present) | 21 |

(Use regression analysis).

Or

What do you mean by multidimensional scaling? Why and how is it done?

- 4. Write notes on any two of the following:
 - (i) Conjoint Analysis
 - (ii) Factor Analysis
 - (iii) Cluster Analysis
 - (iv) Qualitative Research
- What are the techniques of coding, tabulation and presentation of data? Give examples.

Or

Describe various research organisations of India. What type of research will you conduct to know the potential success of a hotel in Uttar Pradesh?