

Note: (i) Figures to the right indicate marks.

(ii) Graph paper will be provided on request.

(iii) Simple/Scientific calculator is allowed.

(iv) Q.3 to Q.5 each sub question has 3 marks

Q.1 Multiple Choice Questions

(3 × 1)

- (1) Which of the following is not a part of tabulation?
 (a) Caption (b) Foot note (c) Body (d) Schedule
- (2) In a village of 1000 population, 40% constitute Hindu, 30% Muslims, 10% Sikhs and 20% Christians. We want to take a sample of 10% of the population to study the eating habits of this population. The best method would be:
 (a) Simple Random Sampling (b) Stratified Random Sampling
 (c) Systematic Sampling (d) All of these
- (3) Which diagram do you considered to be most suitable for the data given below?

Year	Profits ('Lacs Rs.)	
	Company A	Company B
2011 - 12	120	90
2012 - 13	135	95
2013 - 14	140	108
2014 - 15	160	120

- (a) Simple Bar (b) Sub – divided Bar (c) Multiple Bar (d) Pie Chart



Q.2 Short Type Questions (Attempt Any Two)

(2 × 2)

- (a) What is secondary data? Give any two sources of secondary data.
 (b) What is tabulation? List out the various parts of tabulation. Write in brief about any one of them.
 (c) State the importance of classification.

Q.3(a) Write a note on Systematic sampling.

- (b) Describe in brief about application of Statistics in any two fields.

OR

Q.3(a) Define Statistics. Write down its limitations, if any.

- (b) List out the various methods of collecting data. Write in brief about any one of them.

Q.4(a) What is Primary data? Name the various methods of collecting it. Write down in brief about any one of them.

- (b) Define the following terms:

(i) Ordinal data (ii) Variable (iii) Questionnaire

OR

Q.4(a) Define nominal and ordinal data. Give two examples of each.

- (b) Write in brief about mailed questionnaire method.

Q.5(a) What is diagram? State its importance. Write in brief about any one of them.

- (b) Draw a blank table to show the no. of candidate sexwise, appearing in the first year, second year and third year examination of college in the faculty of science and BCA for a certain year.

OR

Q.5(a) What do you mean by classification? State the rules for classification.

- (b) Present the following information through a most suitable diagram. State its objective(s).

Asian Countries	Unemployment Rate		
	Educated	Uneducated	Total
India	8	19	27
Pakistan	11	23	34
Nepal	17	24	41
Bangladesh	16	20	36