

SECTION - B [SEQ] class test #5

Time = 40 min, marks = 35, Attempt all questions

(Every question carries 05 marks each)

Q1 Describe normal distribution curve. Explain data distribution with diagram in normal distribution.

Q2. What is data? Explain different types of data with examples. Also explain how they can be presented graphically

Q3. Out of a group of 100 bankers, 20 had heart attack, as compare to 15 people from a group of 100 employees from other professions. Do you think working in banks had increased risk for heart attack ?

Q4. What is sampling, what are its different techniques and what are their merits and demerits

Q5. Calculate the mean, median and mode of the following data :

9, 21, 10, 12, 11, 16, 23, 27, 36, 25, 15

Q6. What is a Variable and an Attribute. What are its different types in the context of problem issues in research.

Q7. What are the steps for conducting a research .

	Diseased	non Diseased	total
Bankers	a 20	b 80	100
non Bankers	c 15	d 85	100

Q.R : $\frac{ad}{bc} = \boxed{1.41}$ | $\frac{(20 \times 85)}{(80 \times 15)} = \frac{1700}{1200} = \boxed{1.41}$

RR : $I_o / I_e = \frac{0.01}{0.0141}$ | $I_o = a/ab$
 $T_o = b/c$