5. Which of the following is a control chart for attributes?

oc

Average outgoing quality limit is determined from the curve of

c)

ASN

a) R b) \overline{X} c) s d) d

b)

[Contd....

a)

AOQ

4.

d)

АΠ

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•	6.	Probability of producer's risk is denoted by				,
		a)	1- α	b)	1- β	
		c)	α	d)	β	
•	7.	Which of the following is vital event?				
		a)	Migration	b)	Death	
		c)	Disease	d)	All of these	
8	8.	A population decreases due to				
		a)	Immigration	b)	Death	
		c)	Birth	d)	None	
9	9.	Over past few decades, CDR in India has.				
		a)	Increased	b)	Decreased	
		c)	Remaind stable	d)	None	
1	10.	Life table expresses the pattern of				
		a)	Death over ages	b)	Migration over ages	
		c)	Births over age of mothers	d)	None	
1	l1.	The device used to detect lack of process control is called				
1	12.	inspection plan reduces the cost of inspection.				
1	13.	Control chart for fraction defective is called				
1	14.	CBR incates average number of birth among every persons.				
1	15.	History of deaths among a hypothetical population is represented by				
SECTION - B						
Answer any Five of the following. (5×5)						(5×5=25)
1	l 6.	Distinguish between process control and product control.				
1	17.	1				
	l 8.					
1	9.	Defi	ine the terms: i) LTPD ii) I	rodu	cer's risk iii) ASN function.	

II.

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 Define vital statistics and state its uses.
- 21. Explain IMR and GFR state their merits.
- 22. Define a life table state its objectives.

SECTION - C

III. Answer any Four of the following

 $(4 \times 10 = 40)$

- 23. Discuss the criterion for detecting lack of control in \overline{X} and R charts.
- 24. Explain construction of p chart and give its interpretation.
- 25. Explain single sampling plan and discuss the determination of n and c.
- 26. Describe the methods of obtaining vital statistics with their merits and demerits.
- 27. Explain ASFR and TFR with their merits and limitations.
- 28. Describe:
 - i) Stable Population
 - ii) Central mortality rate
 - iii) Force of mortality

