

Section A		
Questions		Unofficial Answers
Q1. The births occurring to women of childbearing age is called		Fertility
Q2. The prices of items decreased by 10% in 2024 as compared to 2020. The index number for the year 2024 is		90
Q3. The parameter of a t-distribution $n = 10$, then the mean is		0
Q4. The standard error of the sample proportion is		Option C - Square Root of PQ/n
Q5. A game is said to be fair if the value of the same is		$V = 0$
Q6. The value of the index number for the base year is		100
Q7. In _____ distribution variance and standard deviation are equal.		Standard normal
Q8. A statistical constant of the population is called _____.		Parameter
Q9. An item having one or more defects is called _____ item.		Defective
Q10. The equipment is replaced at the end of a year for which the annual average cost is _____.		Minimum
Q11. (a) NRR per woman = 1.1 (b) Base year weight (c) The mean of a t-distribution (d) Single value proposed as an estimate (e) Physical stock of goods	(i) Point estimation (ii) Interval estimation (iii) Inventory (iv) Population increased (v) Laspeyre's index no.	A - 4 B - 5 C - 6 D - 1 E - 3
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Section B

Questions	Unofficial Answers
Q17. Write four stages of business cycle.	<ol style="list-style-type: none"> 1. Property 2. Recession 3. Depression 4. Recovery
Q18. Write the conditions for applying binomial expansion method of interpolation and extrapolation.	<p>(i) The values should be a common difference between the values of independent variable.</p> <p>(ii) The value of 'x' for which the value of 'y' is to be interpolated must be one of the values of Y.</p>
Q21. Define Type 1 and Type 2 errors.	<p>Type 1 error is the error that occurs by rejecting the null hypothesis when the null hypothesis is actually true.</p> <p>Type 2 error is the error that occurs by accepting the null hypothesis when the null hypothesis is actually not true.</p>