

Karnataka 2nd PUC Statistics 2024 Answer Key

Q: Choose the correct answer:

Questions	Answers (Only one Correct Answer)
Life expectancy of a newborn baby	a) Mortality
The weights used in the construction of Marshall-Edgeworth's price index	c) $(q_0 + q_1) / 2$
The variance of a X^2 distribution with 12 degrees of freedom is 24. Then its mean is	d) 12
Type I error is	a) Rejecting H_0 when it is true
The game is said to be fair, if the value of the game is	c) $V=0$

Q: Match the Following:

Questions	Answers (Only one Correct Answer)
1. Deaths of newborn babies within 28 days	a) Leptokurtic ($\beta_2 > 3$)
2. Index number which doesn't satisfy unit test	b) $1-\beta$
3. Student's t-distribution curve	c) C_2
4. Power of a test	d) Neonatal deaths
5. Shortage cost	e) Simple aggregative price index number

Answers: 1-d, 2-e, 3-a, 4-b, 5-c

Q: Fill in the blanks:

Questions	Answers
The best average used in the construction of index number is _____	Geometric mean
Binomial distribution is positively skewed when $p < \underline{\hspace{2cm}}$	0.5
Standard error of the sample proportion is _____	$(PQ/n)^{1/2}$
For R-chart, if σ' is known, then _____ is the central line.	R-bar
The feasible solution to the L.P.P exists in _____ quadrant.	first

