

OBJECTIVE

NOTE: You have four choices for each objective type question as A , B , C and D . The choice which you think is correct , fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

QUESTION NO. 1

- 1 A single numerical fact is called
(A) Statistics (B) Variable (C) Datum (D) Data
- 2 The process of arranging data into rows and columns is called
(A) Tabulation (B) Classification (C) Grouped data (D) Frequency distribution
- 3 A pie diagram is represented by
(A) Square (B) Circle (C) Triangle (D) Rectangle
- 4 Sum of deviations is zero when deviations are taken from
(A) Mean (B) Median (C) Mode (D) Geometric Mean
- 5 Geometric Mean of two numbers 4 and 16 is
(A) 4 (B) 10 (C) 16 (D) 8
- 6 Quartile Deviation of 8,8,8 is
(A) Zero (B) One (C) Positive (D) Negative
- 7 If $SD(x) = 5$ then $SD(2x+1)$ is equal to
(A) 10 (B) 5 (C) 15 (D) 2
- 8 If moment ratio $b_1 = 0$ then distribution is
(A) Skewed (B) symmetrical (C) J-shaped (D) U-shaped
- 9 An index number computed for a single commodity is called
(A) Simple index (B) Composite index (C) Weighted index (D) Consumer price index
- 10 If Laspeyre's index = 118.8 , Paasche's index = 112.8 then Fisher's ideal index is equal to
(A) 112.8 (B) 114.8 (C) 118.8 (D) 115.8
- 11 A coin is tossed three times , then total number of sample points will be
(A) 2^2 (B) 2^3 (C) 3^2 (D) 3^3
- 12 If $P(A \cap B) = 1/3$, $P(B) = 1/2$ then $P(A/B)$ is equal to
(A) $1/2$ (B) $3/2$ (C) $2/3$ (D) $1/3$
- 13 Distribution Function is always
(A) zero (B) one (C) increasing (D) decreasing
- 14 $E[X - E(x)]$ is equal to
(A) Variance (B) Standard deviation (C) Mean (D) zero
- 15 If $Y_i = ax_i + b$ then $Var(Y_i) =$
(A) $a Var(x_i) + b$ (B) $Var(x_i)$ (C) $a Var(x_i)$ (D) $a^2 Var(x_i)$
- 16 If $n = 20$, $p = 0.6$ then variance of binomial distribution is equal to
(A) 12 (B) 4.8 (C) 1 (D) zero
- 17 Hyper-geometric distribution has parameters
(A) One (B) Two (C) Three (D) Four

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