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Business Steetistics (H)

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Objective type Questions.

(1.) वर्गीकृत श्रेणी निकालने के लिए बहुलक (mode) होगा ?

Ans $\rightarrow mo(Z) = l_1 + \dfrac{f_1 - f_0}{2f_1 - f_0 - f_2} \times i$

$mo \Rightarrow Z = $ mode
$d_1 = $ Lower limit of the mode class
$d_2 = $ Upper ,, ,, ,, ,, ,, ,,
$f_1 = $ Frequency of mode class
$f_0 = $,, ,, ,, ,, Preceeding
$f_2 = $,, ,, ,, ,, following
$i = $ class interval of mode class

02. माध्य (mean) निकालने का सूत्र का वर्णन करें?

Ans $\rightarrow$ $\bar{X} = \dfrac{\Sigma f_i x_i}{N}$

03. अपकिरण मापने की कितनी विधियाँ है? एवं वे कौन-कौन से है सूत्रानुसार व्यक्त करें ?

Ans $\rightarrow$ चार (4) विधियाँ

(a.) The Range (विस्तार)

(b.) The Quartile deviation (चतुर्थक विचलन)

(c.) The mean deviation (माध्य विचलन)

(d) The standard deviation (प्रमाप विचलन)

(a.) Range $= \dfrac{l_2 - l_1}{l_2 + l_1}$ $\begin{bmatrix} l_1 = \text{lowest measurment} \\ l_2 = \text{Highest} \quad ,, \end{bmatrix}$

(b.) Q.D. $= \dfrac{Q_3 - Q_3}{2}$

(c.) M.D. $\rightarrow \delta = \delta a$

(d.) $\sigma = \sqrt{\left(\dfrac{\Sigma d^2}{N}\right)}$

4. A numerical value used as a Summary measure for a Sample, Such as a Sample mean, is known as a

Ans → Sample Statistics

5. Statistics branches include:

Ans → Applied & mathematical ~~statistics~~ statistics

6. Sample Statistics are also represented as:

Ans → Roman letters.

(7.) - Individual represents, focus group, and Panels of respondents are categorised as.

Ans → Primary data Sources

8. A method used to examine inflation rate anticipation, unemployment rate, and capacity utilization to produce products is classified as:

Ans → Forecasting Technique

9. Graphical and numerical methods are specialized process utilized in:

Ans → Descriptive statistics

10. The scale applied in statistics which imparts a difference of magnitude and proportions is considered as:

Ans → Ratio scale

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