



BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – BBA(DM)-Hons-2023
Course Name – Statistics for Analysis
Course Code - BBD20001
(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Select the positional average
- | | |
|---------|------------------|
| a) Mean | b) Median |
| c) Mode | d) Median & Mode |
- (ii) Choose the correct option
- | | |
|------------------------------------|--|
| a) Histogram helps in finding Mean | b) Histogram helps in finding Median |
| c) Histogram helps in finding Mode | d) Histogram helps in finding Standard Deviation |
- (iii) When all the observations are same, what will be standard deviation?
- | | |
|------|------|
| a) 1 | b) 2 |
| c) 3 | d) 0 |
- (iv) Select the correct option: square of standard deviation known as
- | | |
|-------------------|-----------------------|
| a) Mean Deviation | b) Quartile Deviation |
| c) Mode | d) variance |
- (v) Determine the range for the following data set: 1, 3, 11, 5, 9
- | | |
|-------|-------|
| a) 1 | b) 3 |
| c) 11 | d) 10 |
- (vi) Select the average that requires Class Boundaries only.
- | | |
|--------------------|------------------|
| a) Mean and Median | b) Mean and Mode |
| c) Median and Mode | d) All |
- (vii) Tabulate the probability of drawing a Diamond Card from a pack of cards.
- | | |
|----------|----------|
| a) 41275 | b) 41306 |
| c) 41334 | d) 0 |

Explain the advantages of sampling in 100 words

(5)
