**GLOBAL COLLEGE INTERNATIONAL**

**PRE-BOARD EXAMINATION 2023**

**BACHELOR OF BUSINESS ADMINISTRATION-BBA**

**SEMESTER II**

**Name: ……………………………………………………………………… Section……… R. No.: ……………….**

SECTION A: MULTIPLE CHOICE QUESTIONS [15 x 1 = 15 MARKS] / [TIME: 15 MINUTES]

**Subject: Business Statistics I Course Code: MGT 422**

**Full Mark: 15 Time: 15 min.**

*Tick the best answers.*

1. Which one is suitable measure of dispersion in the case of open end class?
2. Mean deviation
3. Average deviation from mean
4. Quartile deviation
5. Standard deviation
6. Statistical results true only on
7. median
8. Mean
9. mode

d) Quartile

1. Pie-Chart represents the components of a factor by:
2. Percentages
3. Angles

1. Sectors
2. Circles
3. Which of the following relations among the location parameters does hold if it is a symmetrical?
4. = = median
5. P30 = Median = mode
6. D4 = Median =
7. mean = Median = mode
8. If modal value is not clear in a distribution, it can ascertained by the method of:
9. Grouping
10. Guessing

1. Summarizing
2. Trial and error
3. Which of the following is not a measure of dispersion?
4. Mean deviation
5. Average deviation from mean

1. Quartile
2. Standard deviation
3. Which of the following is a unit less measure of dispersion?
4. Standard deviation
5. Mean deviation
6. Coefficient of variation
7. Range
8. The range of the Probability is…
9. 0 to 1

Q9. If K 3 then the Kurtosis is known as:

1. Mesokurtic
2. leptokurtic
3. platykurtic
4. None of above.
5. Mathematical expectation of random variable X is nothing but it is:
6. Median
7. Mean

1. Standard deviation
2. None
3. Good Estimator of population mean is :
4. Sample mean
5. Sample standard devitaion
6. Population standard deviation
7. None of above
8. If X and Y are two random variables, such that
9. E(aX + bY) = E(aX)
10. E(aX + bY) = E(bY)
11. E(aX + bY) = E(X) + E(Y)
12. E(aX + bY) = aE(X) + bE(Y)
13. If total number of observations is 4 and its standard deviation is 4, then its standard error of mean is:
14. 1
15. 2
16. 3
17. 4
18. The semi inter quartile range =
    1. - b) c) d)
19. Whether a test is one sided or two sided, it depends on:
20. Null hypothesis
21. Alternative hypothesis
22. Composite hypothesis
23. Simple hypothesis
24. A wrong decision about H0 leads to:
    1. Four kinds of error
    2. Three kinds of error
    3. Two kinds of error
    4. One kind of error