GLOBAL COLLEGE INTERNATIONAL

MID-TERM EXAMINATION 2023

BACHELOR OF BUSINESS ADMINISTRATION-BBA

SEMESTER II

**Name: ……………………………………………………………………… Section: …………..**

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

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

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

*Tick the best answers.*

Q1. Father of statitics called to:

1. A.B. Bowley iii. Karl Pearson
2. Secrist iv. R.A. Fisher

Q2. Statistical results are :

1. Absolutely correct iii. True on average
2. Universal true iv. Not true

Q3. Statistics deals with:

1. Qualitative information iii. Quantitative information
2. Both (a) and (b) iv. None of (a) and (b)

Q4. Which of the relations among the location parameters does not hold?

1. $Q\_{2}$ = median iii. $D\_{5}$ = median
2. $P\_{50}$ = median iv. $D\_{6}$ = median

. Q5. If modal value is not clear in a distribution, it can ascertained by the method of:

i. Guessing iii. Grouping

ii. Trial and error iv. Summarizing

Q6. What is the value of third Quartile for observation 15, 18, 10, 20, 23, 12 16?

i. 12 iii. 18

 ii. 15 iv. 20

Q7. Let A and B are two mutually Exclusive events, the probability occurrence of either A or B is given as:

1. P(A u B) iii. P(A n B)
2. P(A) + P(B) iv. P(A). P(B)

Q8. Probability can take value:

1. -∞ to +∞ iii. -1 to 1
2. -∞ to 0 iv. 0 to 1

Q9. Pie-Chart represents the components of a factor by:

1. Circles iii. Percentages

 ii. Angles iv. Sectors

Q10. In the bar diagram, the bar are:

1. Horizontal iii. Vertical
2. Slanting iv. None

Q11. Which of the following is not a measure of dispersion?

1. Standard deviation iii. Mean deviation
2. Quartile iv. Average deviation from mean

Q12. Which of the following is a unit less measure of dispersion?

 i. Standard deviation iii. Coefficient of variation

 ii. Mean deviation iv. Range

Q13. If K < 3, then the Kurtosis is known as..

1. Mesokurtic iii. Leptokurtic
2. Platykurtic iv. None of above

Q14. Negative Skewness is given by:

1. Mean $>$ Median $>$ mode iii. Mean $\geq $ Median $\geq $ mode
2. Mean $<$ Median $<$ mode iv. Mean $\leq $ Median $\leq $ mode

Q15. : Coefficient of Quartile deviation = …..

1. $Q\_{3}$ - $Q\_{1}$ iii. $\frac{Q\_{3}-Q\_{1}}{2}$
2. $\frac{Q\_{3} - Q\_{1}}{Q\_{3 + }Q\_{1}}$ iv. None of above