Examination October 2020

B.Com T.Y Sem. V

3038 Advanced Financial Accounting -I

Time: One Hour   **Max. Marks: 50**

instructions

solve any 25 questions from Q.1 to Q.30

solve any 25 questions from Q.31 to Q.60

1 The Word of statistics is derived from

(A)Statistics   (B)Statist   (C)Statistical   (D)All of these

2 The nature of statistics is

(A)Arts & science   (B)social & historical   (C)geographical & social   (D)a & b

3 Data collected on religion from the census report are

(A)Primary data   (B)secondary data   (C)sample data   (D)A & B

4 Interview is

(A)Secondary data   (B)primary data   (C)published data   (D)declared data

5 Observation is a method of collecting data.

(A)Selective data   (B)secondary data   (C)primary data   (D)elective data

6 If data is obtained through some sources, it is called as

(A)primary data   (B)secondary data   (C)sampling data   (D)popular data

7 which of the following is the characteristics of a data

(A)Aggregate of fact   (B)numerical expressed   (C)affected by various cause   (D)all of these

8 which of the following is not the limitation of statistics?

(A)Homogeneous statistical data (B)analysis of data   (C)presentation of means   (D)Statistics law is true in the long run and on average.

9 which of the following is not a characteristic of data.

(A)Statistics are collected by enumeration (B)statistics are placed in relation to each (C)Human being (D)comparative study.

10 which of the following is not the part of the subject matter of Business Statistics.

(A)Appointment   (B)presentation of data   (C)analysis of data   (D)interpretation of data

11 Schedules help us in collection

(A)Secondary data   (B)primary data   (C)quantitative data   (D)none of these

12 12. the statistical data in the original form before any statistics technique are used to refine, Process or summaries is called.

(A)Secondary data   (B)row or primary data   (C)published data   (D)finished data

13 Median is……

(A)Middle most value   (B)lower value   (C)highest value   (D)a & b

14 Cumulative frequency is of

(A)One type   (B)two type   (C)three type   (D)four type

15 Following is the measures of central tendency

(A)Mode   (B)skewness   (C)co-efficient   (D)standard deviation

16 the mid values of the class be calculated with the help of

(A)M.V. = L1+L2 /2   (B)M.V. = L1*L2 /2   (C)M.V. = L1-L2/2   (D)M.V.= L2-L1/2

17 the median of the numbers 21, 49,37,88,74 & 55 is

(A)55   (B)52   (C)38   (D)49

18 The mean of the numbers 35,22,21,29 & 23 is

(A)20   (B)27   (C)24   (D)26

19 The mode of the numbers 15, 17, 18, 10, & 12 is

(A)12   (B)18   (C)15   (D)14

20 the difference between the largest value and the smallest value of the variable is

(A)Mean   (B)mode   (C)range   (D)mean deviation

21 Total relative frequency is always

(A)One   (B)two   (C)quarter   (D)half

22 The second quartile (Q2) are called

(A)mode   (B)mean   (C)median   (D)quartile

23 the quartile deviation of 22, 17, 25,20,29,27, & 35 will be

(A)5.5   (B)6   (C)8   (D)4.5

24 the quartile Third (Q3) of 6,8,10,14,15,20 & 25 will be

(A)14   (B)10   (C)25   (D)20

25 The measure of the degree of scatter of data from the central value is…

(A)Dispersion   (B)skewness   (C)average   (D)standard deviation

26 C.V. is calculated by….

(A)(S.D.)2   (B)S.D./100   (C)S.D./a *100   (D)none of these

27 Standard deviation is the best measurement of...

(A)Central tendency   (B)dispersion   (C)skewness   (D)none of these

28 which of the following is an important measure sought for describing the character of Variability in data.

(A)Dispersion   (B)correlation   (C)skewness   (D)variance

29 which of the following is the characteristic of good measure of dispersion

(A)It should be simple to understand   (B)it should be easy to compute   (C)It should be rigidly defined   (D)all of these

30 the degree to which numerical data tend to spread about an average value is called

(A)Variation   (B)dispersion   (C)skewness   (D)a & b

31 which of the following is the measures of dispersion are in common use

(A)Ranges   (B)mean   (C)standard deviation   (D)all of these

32 Coefficient of M.D. by mean = M.D. /……

(A)Mean   (B)median   (C)mode   (D)none of these

33 Coefficient pf variation by median = M.D./median *………..

(A)50   (B)100   (C)150   (D)200

34 the mean deviation by mean of the numbers 10, 15, 18,20,20,22,23,25,27, & 30 is

(A)5.5   (B)5.4   (C)4.4   (D)4.6

35 Standard deviation was first used by Karl Pearson in the year

(A)1878   (B)1893   (C)1862   (D)1852

36 36. the mean of a distribution is 12 and the standard deviation is 4 what is the value of the co- efficient of variation?

(A)33.33   (B)34.33   (C)33.48   (D)33.52

37 A determinant is an arrangement of number in…..

(A)Rows & rows   (B)rows & columns   (C)columns & columns   (D)none of these

38 In a third order determinant rows and columns are…

(A)4   (B)3   (C)2   (D)6

39 The value of

$$D= \begin{vmatrix} 2 & 4 \\ 3 & 1 \end{vmatrix}$$

(A)-10   (B)10   (C)12   (D)14

40 If in a determinant rows are changed into

(A)rows   (B)columns   (C)vertical   (D)none of these

41 Find the value of

$$D= \begin{vmatrix} 5 & 7 \\ 3 & 8 \end{vmatrix}$$

(A)13   (B)18   (C)19   (D)22

42 If in a determinant columns are changed into

(A)Rows   (B)vertical   (C)columns   (D)none of these

43 the value of

$$D= \begin{vmatrix} 3 & 2 \\ 4 & 1 \end{vmatrix}$$

(A)5   (B)-5   (C)3   (D)6

44 the value of the determinant

$$\begin{vmatrix} 3a & 2b \\ 2a & b \end{vmatrix}$$

(A)–ab   (B)ab   (C)a*b   (D)a-b

45 value of

$$\begin{vmatrix} 5 & 2 \\ 6 & 5 \end{vmatrix}$$

is

(A)12   (B)25   (C)13   (D)14

46 what is order of determinant

$$\begin{vmatrix} a & b \\ c & d \end{vmatrix}$$

(A)Fourth   (B)second   (C)third   (D)sixth

47 value of

$$\begin{vmatrix} 1 & -2 \\ 3 & 4 \end{vmatrix}$$

(A)11   (B)10   (C)18   (D)12

48 the concept of determinants is developed by Cramer in the year

(A)1780   (B)1753   (C)1750   (D)1760

49 Probability can be expressed by………

(A)P   (B)O   (C)E   (D)P1

50 Which of the following are applications of probability in?

(A)Statistics   (B)Economics   (C)Industry   (D)All of these

51 Probability sampling and random sampling are ….

(A)Anonymous   (B)Different terms   (C)Synonymous   (D)None of these

52 which of the following is the type of events of probability.

(A)Certain event   (B)Impossible event   (C)mutually exclusive event   (D)All of these

53 If a card is chosen from a standard deck of cards, what is the probability of getting a five
   or a seven?

(A)8/52   (B)1/56   (C)1/59   (D)4/52

54 How many ways can 5 red and 4 white balls be drawn from a bag containing 10 red and 8
   White balls?

(A)8C5 x 10C4   (B)10C5 x 8C4   (C)18C3   (D)None of these

55 How many ways can 5 men and 3 women be seated in a row so that two women cannot sit
   side by side?

(A)12100   (B)14000   (C)13200   (D)14400

56 a bag contains 4 white, 2 black, 3 yellow and 4 red balls, what is the probability of getting
   a white or red ball at random in a single draw of one ?

(A)19%   (B)58.3%   (C)12%   (D)13%

57 what is the probability of throwing two fours in two throws of a die?

(A)1/36   (B)1/39   (C)1/37   (D)1/41

58 what is the probably of getting all the heads in four throws of a coin?

(A)1/13   (B)12/13   (C)11/16   (D)1/16

59 what will be the probability that one is king and other is queen?

(A)2/169, 2/663   (B)1/52, 2/53   (C)1/31, 1/4   (D)1/51, 2/50

60 what is the chance of drawing a queen in a draw from a pack of 52 cards?

(A)1/9   (B)1/13   (C)1/14   (D)1/12