M.A. II Semester Degree Examination, September/October - 2022
ECONOMICS

21ECO2S2P : Software for Data Analysis (SEC)

Time : 1 Hour   Maximum Marks : 30

Instructions : *(i)*   *Please read instructions carefully before answering the questions.*
    (ii)   *Each question has four alternative answers. You should choose the nearest answer.*
    (iii)   *Properly darken your choice.*
    (iv)   *Answer only on OMR sheet.*
    (v)   *For rough work use only the space provided.*

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1. How many main statistical methodologies are used in data analysis ?
    (a)   2   (b)   3   (c)   4   (d)   5

2. *@ Ac# is a type of _____ data.
    (a)   Symbolic   (b)   Alphanumeric   (c)   Alphabetic   (d)   Numeric

3. Type of variable which can take fixed integer values is classified as :
    (a)   Flowchart Variable   (b)   Discrete Variable
    (c)   Continuous Variable   (d)   Measuring Variable

4. A parameter is a measure which is computed from :
    (a)   Population Data   (b)   Sample Data
    (c)   Test Statistics   (d)   None of the above

5. To which of the following options do individual respondents, focus groups, and panels of respondents belong ?
    (a)   Primary data sources   (b)   Secondary data sources
    (c)   Itemised data sources   (d)   Pointed data sources

6. Which one is not a Function in MS Excel ?
    (a)   SUM   (b)   AVG   (c)   MAX   (d)   MIN

7. In Excel, Columns are labelled as _____.
    (a)   A, B, C etc   (b)   1, 2, 3 etc
    (c)   A1, A2, A3 etc   (d) $ A $ 1, $ A $ 2, $ A $ 3 etc

8. In Excel the Greater Than sign (>) is an example of _____ operator.
    (a)   Arithmetic   (b)   Logical   (c)   Conditional   (d)   Greater

9. The _____ feature of MS Excel quickly completes a series of data.
(a) Auto Complete (b) Auto Fill (c) Fill Handle (d) Sorting

10. Which of the following is not true regarding Conditional Formatting ?
(a) You can add more than one condition to check
(b) You can set condition to look for Bold and apply Italics on them
(c) You can apply Font border and pattern formats that meet the specified conditions
(d) You can delete any condition from Conditional Formatting dialog box if it is not required

11. Where can you set the shading colour for a range of cells in Excel ?
(a) Choose required colour form Patterns tab of Format Cells dialog box
(b) Choose required colour on Fill Colour tool in Formatting toolbar
(c) Choose required colour on Fill Colour tool in Drawing toolbar
(d) All of the above

12. In MS - Excel what does SUMIF function do ?
(a) Adds up cell values based on a condition
(b) Adds all the numbers in a range of cells
(c) Returns a subtotal in a list or database
(d) Both (a) & (b)

13. Which of the following Excel charts represents only one value for each variable ?
(a) Bar (b) Pie (c) Line (d) Function

14. MS Excel file can NOT be directly exported as _____.
(a) PDF (b) TXT (c) PPT (d) CSV

15. VLOOKUP function is used _____.
(a) To find related records
(b) To look for text that contain "V"
(c) To check if two cells are identical
(d) None of the above

16. Which formula counts the number of non-blank items in the cells in MS Excel ?
(a) =COUNT() (b) =COUNTA ()
(c) =SUM () (d) None of the above

17. IN MS Excel which formula should be used to find out most frequently occurring number in a data set :
(a) =MEDIAN () (b) =MODE () (c) =COUNT () (d) =LOOKUP()

18. In MS Excel which formula should be used to find standard deviation for a sample.
(a) =STDEV()   (b) =SDTEV()   (c) =STD()   (d) =STDEV.P

19. Which would you choose to create a bar diagram in MS Excel ?
(a) Edit, Chart   (b) Insert, Chart (c) Tools, Chart (d) Format, Chart

20. In case there are too many outliers in the data set, the most representative average value is :
(a) Mean   (b) Median
(c) Mode   (d) None of the above

21. Which of the following is not an arithmetic operator ?
(a) +   (b) =   (c) *   (d)]

22. In Excel, what is the result of = 1 + 3 * 2 /2-1 ?
(a) 2   (b) 3   (c) 4   (d) 6

23. Per the order of operations, which of the following is calculated first ?
(a) Addition (+) and subtraction (-) (left to right)
(b) Exponentiation (^)
(c) Percent (%)
(d) Negative number (-)

24. In constructing a histogram, if the class interval size of one class is double than others, then the width of that bar should be :
(a) Doubled   (b) Half   (c) One   (d) Quarter

25. Which of the following is an absolute cell reference ?
(a) $D8$ (b) D8   (c) D8 (d) D8

26. One of the following type of files is irrelevant when doing data analysis Jomovi :
(a) .omv   (b) .csv   (c) .xls   (d) .docx

27. The correlation coefficient is used to determine.
(a) A specific value of the y - variable given a specific value of the x - variable
(b) A specific value of the x - variable given a specific value of the y - variable
(c) The strength of the relationship between the x and y variables
(d) None of the above

28. In regression analysis, if the independent variable is measured in kilograms, the dependent variable :
(a) must also be in kilograms   (b) must be in some unit of weight
(c) cannot be in kilograms   (d) Can be any units

29. If the coefficient of determination is a positive value, then the regression equation.
    (a)   must have a positive slope
    (b)   must have a negative slope
    (c)   could have either a positive or a negative slope
    (d)   must have a positive y intercept

30. In the analysis of variance procedure (ANOVA), 'factor' refers to :
    (a)   The dependent variable   (b)   The independent variable
    (c)   Different levels of treatment   (d)   Critical value of F

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