(6 pages) **Reg. No. :** .....

Code No. : 8713 **Sub. Code : KESE 21**

M.A. (CBCS) DEGREE EXAMINATION, APRIL 2017.

Second Semester

Economics

Elective — COMPUTER APPLICATION IN ECONOMISTS

(For those who joined in July 2016 onwards)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. ———— is a spreadsheet program.

(a) word (b) excel

(c) access (d) powerpoint

2. Which of the following is an input device?

(a) printer (b) monitor

(c) mouse (d) none

3. SPSS stands for ————.

(a) Statistical Package for Social Science

(b) Social Package for Statistical Science

(c) Science Package for Social Statistical

(d) None of the above

4. The most popular statistical analysis software is ————.

(a) SPSS (b) R^2

(c) Statistics (d) Math lab

5. Give an example for continuous variable ————.

(a) height (b) weight

(c) blood pressure (d) all the above

6. Detailed code book can be generated by using ————.

(a) Code book dialog window

(b) Using syntax

(c) Both (a) and (b)

(d) None

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7. _____ is a statistical technique that assesses potential differences in a scale-level dependent variable by a nominal-level variable having 2 or more categories.

(a) ANOVA (b) DBTG

(c) Both (a) and (b) (d) None

8. If X and Y are two variates there can be atmost _____.

(a) one regression line

(b) two regression line

(c) three regression line

(d) an infinite number of regression line

9. The relationship between two quantitative variables can be represented in the form of _____.

(a) pie chart (b) bar chart

(c) scatter plot (d) all

10. To compare the mean of groups of observations _____ is used.

(a) simple bar chart

(b) pie chart

(c) scatter chart

(d) histogram

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Give a brief note on features of MS-Word.

Or

(b) What is the use of Dialog box? Explain.

12. (a) What are the different types of views available in SPSS?

Or

(b) How will you open SPSS data file?

13. (a) What is Data list?

Or

(b) Give a brief note on End data commands.

14. (a) Write the procedure to find the ANOVA table.

Or

(b) How will you prepare Cross-Tabulation in SPSS?

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15. (a) Define Histogram and discuss the steps used in SPSS.

Or

(b) Explain the procedure of creating Bar chart.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) How will you import or export data file in SPSS?

Or

(b) Explain the methods of data processing using Excel.

17. (a) Describe the structure of SPSS data file.

Or

(b) How will you read a database?

18. (a) What is a code book? How will you use the code book dialog window?

Or

(b) Give a brief note on value lables and missing lables.

19. (a) Explain the application of one sample *T*-test with SPSS.

Or

(b) The following figure shows the distribution of digits in numbers chosen at random from a telephone directory

Digits	0	1	2	3	4
Frequency	1026	1107	997	966	1075
Digits	5	6	7	8	9
Frequency	933	1107	972	964	853

Using Chi-square test also test the digits are frequently equally.

20. (a) Narrate the steps in preparing a Pie chart for the given data series.

Or

(b) Explain the steps involving in the construction of Scatter diagram.

———————

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