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M.A. (CBCS) DEGREE EXAMINATION, APRIL 2021.

Second Semester

Economics — Elective

COMPUTER APPLICATIONS IN ECONOMICS

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — ( $10 \times 1 = 10$  marks)

Answer ALL questions.

Choose the correct answer :

1. Which is an example of a function in Excel?

(a) = add (A1 : A2)

(b) = sum (A1 : A2)

(c) = A1 + A2

(d) A1 + A2

2. Which one of the following is an input device?
- (a) Speaker                      (b) Monitor
- (c) Keyboard                      (d) None
3. SPSS stands for —————
- (a) Statistical Package for the Social Sciences
- (b) Statistical Programme for the Social Sciences
- (c) Standard Programme for the Social Sciences
- (d) None of the above
4.  $R^2$  is a —————
- (a) Statistical Software
- (b) Engineering Software
- (c) Medical Software
- (d) Business Software
5. ————— used to read in data that are in an SPSS data file.
- (a) get data                      (b) data list
- (c) get file                      (d) list

6. How many columns in variable view of the data editor?
- (a) 10 (b) 8  
(c) 7 (d) 12
7. ANOVA stands for —————
- (a) Android of Variance  
(b) Analysis of Variable  
(c) Analysis of Variance  
(d) None of the above
8. Student 't' test was developed by —————
- (a) W.S. Gosset (b) Spearman  
(c) Karl Pearson (d) Kelly
9. ————— are used to track changes over short and long periods of time.
- (a) Line graph (b) Pie chart  
(c) Bar chart (d) None
10. Who has developed this formula?
- (a) Spearman (b) Hicks  
(c) Fisher (d) None

PART B — ( $5 \times 5 = 25$  marks)

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

Each answer should not exceed 250 words.

11. (a) What is the use of Get file and Save out file?

Or

- (b) How do you process data using Excel?

12. (a) What is data edition?

Or

- (b) How will you read a database?

13. (a) How do you define a variable in SPSS file?

Or

- (b) Give a brief note on Data List.

14. (a) Explain in detail about preparation of cross tabulation.

Or

- (b) Explain the different types of correlation in detail.

15. (a) Write short note on Histogram.

Or

- (b) Briefly explain transfer of data display formats in detail.

PART C — ( $5 \times 8 = 40$  marks)

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

Each answer should not exceed 600 words.

16. (a) List out and explain the components available in Menus, Tool bars and Dialog boxes.

Or

- (b) How do you Export and Import a data file in SPSS?

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

Or

- (b) How will you read text and spread sheet data?

18. (a) What is Code Book? How will you prepare use it in SPSS file?

Or

- (b) Write short note on Begin Data and End Data Commands.

19. (a) Why do we use ANOVA? Explain it.

Or

(b) Explain the applications of Chi-square test in hypothesis testing.

20. (a) Write short note on the following :

(i) Creating and Editing Graphs

(ii) Interpretation of Output.

Or

(b) How do you prepare Charts? Explain the different types of Charts in detail.

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