

M.A. (CBCS) DEGREE SPECIAL SUPPLEMENTARY EXAMINATION, APRIL 2020
SECOND SEMESTER
ECONOMICS

ELECTIVE – COMPUTER APPLICATIONS IN ECONOMICS
(For those who joined in July 2017 onwards)

Time: Three hours

Maximum : 75 marks

Part A – (10X1=10 marks)

Answer ALL the questions, Choose the correct answer

1. Short Menu is located
 - a. In the bottom left-hand corner of the Windows
 - b. In the bottom right-hand corner of the Windows
 - c. In the top left-hand corner of the Windows
 - d. In the top right-hand corner of the Windows
2. Short cut key for copy -----
 - a. Ctrl + X b. Ctrl + V c. Ctrl + C d. None
3. Microsoft Excel is a
 - a. Tools b. Spreadsheet c. Word Processor d. None of the above
4. SPSS is a
 - a. Software b. Programme c. OS d. Hardware
5. Which test is used for testing the significance of discrepancy between experimental value and theoretical value is called -----
 - a. Student 't' test b. Chi-square test c. 'F' test d. None
6. Visual Display Unit is a ----- device.
 - a. Output b. Input c. Both (a) and (b) d. None
7. The general form of a bi-variate regression equation is " $Y = a + bX$." SPSS calls the X variable the
 - a. Dependent Variable b. Independent Variable c. Constant
 - d. None of the above
8. In Regression model, If $R^2 = 0.861$ which explains
 - a. 86.10% of the variation in the data b. 8.61% of the variation in the data
 - c. 0.861% of the variation in the data d. 861% of the variation in the data
9. Bi chart displayed in
 - a. Table Window b. Desktop c. Excel Sheet d. Viewer Window
10. Steps to Creating a Scatter plot in SPSS
 - a. Analyze, Descriptive Statistics, Frequencies, and Scatter
 - b. Analyze, Frequencies, Descriptive Statistics, and Scatter
 - c. Graphs, Legacy Dialogs, and Scatter
 - d. Legacy Dialogs, Graphs, and Scatter

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b). Each answer should not exceed 250 words.

11. a. What are the different types of computers available? (Or)
b. Where is standard toolbar in Word? How do you restore toolbar?
12. a. What are the different types of views available in MS-PowerPoint? (Or)
b. How do you combine variables in SPSS?
13. a. What is code book? How will you prepare code book? (Or)
b. Write a note on missing labels.
14. a. State the steps to find the correlation coefficient in SPSS? (Or)
b. What is cross tabulation in SPSS?

15. a. Specify the steps involved to make a scatter plot in SPSS (Or)
 b. How do you make bar chart and how will you change the colour of bar chart in SPSS?

PART C – (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b). Each answer should not exceed 600 words.

16. a. Explain the basic structure of an SPSS data file. (Or)
 b. What are the steps involved in creating, editing and printing a worksheet?
 17. a. How do you add animation effect in power point presentation about your college? (Or)
 b. Explain the storage devices Hard disk, Floppy disk and CD-ROM.
 18. a. Explain the statistical techniques for data analysis? (Or)
 b. Discuss the begin data and end data in SPSS.
 19. a. Discuss 't' test analysis using SPSS. (Or)
 b. In test given to two groups of students drawn from two different populations, the

marks obtained were as follows:

Group A	18	20	36	50	49	36	34	49	41
Group B	29	28	26	35	30	44	45		

($V_1 = 6$, $V_2 = 8$, $|F|_{0.05} = 6.3707$).

Examine whether the two populations have the same variance.

20. a. How do you create Bar-Chart in Excel? Explain with an example. (Or)
 b. Explain the methods of creating various tables and diagrams by using SPSS