

22U263S

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Name:

Reg. No:

SECOND SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2023

(Information Technology)

CC18U SDC2 ME06 – MICROSOFT EXCEL WITH VBA AND SPSS

(2018 to 2020 Admissions – Supplementary/Improvement)

Time: 3 Hours

Maximum: 80 Marks

PART A

Answer *all* questions. Each question carries 1 mark.

1. _____ helps to declare Variables with specific data.
2. Returns a value from a range at given position is _____ function.
3. When a series of values are stored in a single variable own it is known as an _____
4. Sub procedures can be called without a _____ key word.
5. _____ is a named memory location used to hold a value that can be changed during the script execution.
6. The best average of income distribution is _____
7. The model for multiple regression is _____
8. Any measures of population units is called _____
9. _____ is the parametric test used when the sample size is large.
10. Correlation co-efficient always lies between _____ and _____

(10 × 1 = 10 Marks)

PART B

Answer any *eight* questions. Each question carries 2 marks.

11. What is the difference between function and formula in MS-Excel?
12. Name any two measures of dispersion.
13. Write a program to Check whether the number is even or odd.
14. How we can change the cell formatting?
15. Distinguish between For...Each and While...Wend Loop in VBA.
16. What is agglomerative method in cluster analysis?
17. Difference between Median and Mode.
18. What are the different types of Arrays in VBA?
19. Distinguish between acceptance region and critical region.
20. What is the objective of Kolmogrov-Smirnov test?
21. Distinguish between Skewness and kurtosis.
22. Write the regression equation of Y on X and that of X on Y.

(8 × 2 = 16 Marks)

PART C

Answer any six questions. Each question carries 4 marks.

23. Explain the datatypes used in VBA.
24. What is Chart in MS-Excel? Why is it important to you an appropriate chart?
25. What are the different UserForm Controls and ActiveX Controls?
26. What is the use of VLOOKUP & HLOOKUP and how do we use it?
27. How can we exporting a SPSS data file to PDF or HTML?
28. Explain the 2 types of displays in SPSS.
29. Write the procedure for finding median using Ogive.
30. Three samples of sizes 45, 40 and 65 having means 2, 2.5 and 2 respectively were combined. Find the mean of the combined group.
31. What are the different types of error handling techniques?

(6 × 4 = 24 Marks)

PART D

Answer any *two* questions. Each question carries 15 marks.

32. What is an Excel? Explain formulas and functions used in Excel spreadsheet.
33. Describe T-tests. Write the test procedure for testing the equality of population proportion.
34. Explain the concept of linear and multiple regression.
35. Explain the different types of Decision-making statements used in Excel VBA.

(2 × 15 = 30 Marks)
