

**20U253**

(Pages: 2)

Name: .....

Reg. No: .....

**SECOND SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2021**

(Regular/Supplementary/Improvement)

**SDC2 ME06 - MICROSOFT EXCEL WITH VBA & SPSS**

(B.Voc. – Information Technology)

(2018 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

**PART A**

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

1. \_\_\_\_\_ appear at the bottom of the Excel window.
2. To adjust a value used in a formula to achieve specific goal is \_\_\_\_\_
3. \_\_\_\_\_ allows to colour the cells, based upon conditions.
4. \_\_\_\_\_ function returns the interval between two dates in terms of years, months or days.
5. \_\_\_\_\_ helps to declare Variables with specific data.
6. \_\_\_\_\_ list is used to test goodness of fit when  $n > 50$ .
7. The best average of income distribution is \_\_\_\_\_
8. \_\_\_\_\_ is a non-parametric test which is an alternative to one way ANOVA.
9. Correlation co-efficient is independent of change of \_\_\_\_\_ and \_\_\_\_\_
10. The distribution of the statistic is called \_\_\_\_\_

**(10 × 1 = 10 Marks)**

**PART B**

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

11. What is Scope of Variables?
12. What are different Types of core Modules available in VBE?
13. What are the built-in Class modules?
14. What are the various data types available in the VBA?
15. What are the different types of error handling techniques?
16. Write a program to Check whether the number is even or odd.
17. What is a test? What are the objectives of run test?
18. What is an Ogive?
19. What is the objective of Kolmogrov-Smirnov test?
20. Name any two measures of dispersion.
21. How can we edit the output in SPSS?

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. What is the difference between ByVal and ByRef?
- 24. How to add a User Form or module or class to a VBA Project?
- 25. What is an array? How to assign values to an array?
- 26. How to assign macros to a button?
- 27. Explain What If analysis?
- 28. How to save workbook using Excel VBA?
- 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. Explain the various displays in SPSS.

**(6 × 4 = 24 Marks)**

**PART D**

Answer any two questions. Each question carries 15 marks.

- 32. Briefly explain the different types of functions & Formulas used in Excel VBA.
- 33. Write a program to Check Student Grade based on Marks using “Nested If” statement and “AND” operator.
- 34. Explain the concept of linear and multiple regression.
- 35. Calculate the standard deviation for the following data.

Class	0-6	6-12	12-18	18-24	24-30
F	5	12	30	10	3

**(2 × 15 = 30 Marks)**

\*\*\*\*\*