

**18U280**

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Name : .....

Reg. No. :.....

**SECOND SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2019**

B.Voc. – Information Technology

**CC18U SDC2 ME06 – MICROSOFT EXCEL WITH VBA & SSPS**

(2018 Admission onwards)

Time: 3 Hours

Maximum: 80 Marks

**PART A**

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

1. A set of toolbars at top of the window is \_\_\_\_\_
2. \_\_\_\_\_ function is used to return copy of a string without leading spaces.
3. A custom function which could be created using VBA is \_\_\_\_\_
4. \_\_\_\_\_ function returns the interval between two dates in terms of years, months or days.
5. Correlation co-efficient always lies between \_\_\_\_\_ and \_\_\_\_\_
6. \_\_\_\_\_ is the extension of the output file in SPSS.
7. Sign tests follow \_\_\_\_\_ distribution when n is small.
8. The error offered by \_\_\_\_\_ is known as type II error.
9. The test in ANOVA deals with the equality of several population \_\_\_\_\_
10. The distribution of the statistic is called \_\_\_\_\_

**(10 x 1 = 10 Marks)**

**PART B**

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

11. What are the different depreciation functions in VBA?
12. Which are the Data types used for VBA?
13. Differentiate between PV, NPV & XNPV.
14. What is Ribbon in MS-Excel?
15. What are the different types of Arrays in VBA?
16. What are the bond functions in Excel for VBA?
17. What is the use of Vlookup? How do we use it?
18. Distinguish between Correlation and Regression.
19. What is kurtosis? Give one method to identify it.
20. Define the terms :     i) Significance level                   ii) Power of test

21. Explain the purpose of doing normality test.
22. What are the assumptions followed in ANOVA?

**(8 x 2 = 16 Marks)**

### **PART C**

Answer any *six* questions. Each question carries 4 marks.

23. What is conditional formatting, and how to use it?
24. Explain about insert module and Goal Seek functions present in VBA.
25. What is Pivot table and explain its application?
26. State the Difference between NPV & IRR.
27. Write the procedure for finding median using Ogive.
28. What is non parametric test? Explain median test?
29. What is factor analysis?
30. Explain the 2 types of displays in SPSS.
31. What are the different mathematical Functions used in Excel for VBA?

**(6 x 4 = 24 Marks)**

### **PART D**

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

32. Explain the different types of operators used in excel VBA.
33. Explain different types of Loop control statements and string functions used in VBA.
34. Describe the different measures of central tendency.
35. a) Describe a test procedure to test the equality of means from two population if the sample size is large.  
b) Explain the different methods used in cluster analysis.

**(2 x 15 = 30 Marks)**

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