### SECOND SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2022
(B.Voc. – Information Technology)
### CC18U SDC2 ME06 - MICROSOFT EXCEL WITH VBA & SPSS
(2018 to 2020 Admissions – Supplementary/Improvement)

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. A group of variables and it is capable of storing more than one variable is known as _____

3. _____ allows to color the cells, based upon conditions.

4. _____ function returns the interval between two dates in terms of years, months or days.

5. Correlation co-efficient is independent of change of _____ and _____

6. _____ returns a value from a range or array.

7. To adjust a value used in a formula to achieve specific goal is _____

8. _____ is a non -parametric test which is an alternative to one way ANOVA.

9. _____ is the best measures of central tendency.

10. The best average of income distribution is _____

**(10 × 1 = 10 Marks)**

## PART B
Answer any *eight* questions. Each question carries 2 marks.

11. Define power of a test.

12. What are different Types of core Modules available in VBE?

13. Distinguish between Skewness and kurtosis.

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 Centroid method?

19. What is the objective of Kolmogorov-Smirnov test?

20. Name any two measures of dispersion.

21. How can we edit the output in SPSS?

22. Distinguish between for…Each and While…Wend Loop in VBA.

**(8 × 2 = 16 Marks)**

## PART C
Answer any *six* questions. Each question carries 4 marks.

23. What are the different Financial Functions used in Excel for VBA?

24. What is Pivot table and why we use it?

25. What is an array? How to assign values to an array?

26. What is the difference between ByVal and ByRef?

27. Explain What If analysis?

28. Explain about insert module and Goal Seek functions present in VBA.

29. Describe the steps in a Chi-square test for the checking goodness of fit.

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 2 types of displays in SPSS.

**(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. Write a program to Print All Sheet Names in VBA.

34. Explain the concept of linear and multiple correlation.

35. Describe a test procedure to test the equality of means from two population if the sample size is large.

**(2 × 15 = 30 Marks)**

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