23U264S (Pages: 2) Name: …….

Reg. No: …….

SECOND SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2024

(Information Technology)

CC18U SDC2 ME06 – MICROSOFT EXCEL WITH VBA & SPSS

(2018 to 2020 Admissions – Supplementary)

Time: 3 Hours Maximum: 80 Marks

PART A

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

1. _____ function used to find the average of a range of cells in Excel.
2. In Excel _____ shortcut key is used to add a new worksheet.
3. Formulas in Excel start with _____
4. A file that contains one or more worksheets to organize data is known as _____
5. The intersection of a column and a row in MS Excel worksheet is known as _____
6. _____ list is used to test goodness of fit when $n \leq 50$.
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. _____ is the best measures of central tendency.

(10 × 1 = 10 Marks)

PART B

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

11. Define power of a test.
12. What are the built-in class modules?
13. Distinguish between Skewness and kurtosis.
14. What are the various types of arrays available in VBA?
15. What are the different types of error handling techniques?
16. Write a program to Check whether the number is Armstrong or not.
17. What is a test? What are the objectives of run test?
18. What is Centroid method?
19. What is the objective of Kolmogrov-Smirnov test?
20. Name any two measures of dispersion.
21. Write the 2 types of displays in SPSS.
22. Distinguish between IF and Switch statements 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. Explain the different data types available in the VBA.
27. Explain What If analysis?
28. Write a program to Print All Sheet Names 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 ANOVA.

(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. Explain the different types of Looping statement used in Excel 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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