

**QP CODE**

**B2080**

**Enrollment Number: .....**

**Name: .....**

**MA DEGREE EXAMINATIONS, APRIL 2025**

**First Semester**

**M.A. Economics**

**M23EC01AC – Software Packages for Economic Analysis (Spreadsheet)  
(2024 July admissions)**

**Time: 3 Hours**

**Max Marks: 70**

**Section A**

**Answer any ten of the following questions in a word or sentence each. Each question carries 1 mark.**

1. What is Microsoft Excel?
2. Define workbook.
3. How to create a new worksheet in Excel?
4. What are the font formatting options in Excel?
5. How to sort data?
6. What is conditional formatting?
7. How to create a pie chart in Excel?
8. What are pivot tables?
9. How to find standard deviation in Excel?
10. Define parametric tests.
11. What is P-value?
12. Define integer programming.
13. Write a note on VLOOKUP function
14. What are the uses of print preview?
15. What are line charts?

**(1X10=10)**

**Section B**

**Answer any five of the following questions in two or three sentences each. Each question carries 2 marks.**

16. How to enter a formula in Excel?
17. What are the various cell formats in Excel?

18. List out the steps to use the freeze pane option.
19. How to print an Excel worksheet?
20. What are the advance filtering options?
21. Describe logical operators.
22. Define waterfall charts.
23. Distinguish paired and un-paired tests
24. What is ANOVA?
25. Explain degrees of freedom.

**(2X5=10)**

### **Section C**

**Answer any five of the following questions in a paragraph each. Each question carries 4 marks.**

26. Briefly explain the uses of Microsoft Excel.
27. Explain the key formatting tools available in Excel.
28. What are the main types of sorting available in Excel?
29. Examine the various methods of data validation available in Excel.
30. Write a note on Built-in functions of Excel.
31. Describe various measures of central tendency.
32. Discuss various types of t tests for comparing means.
33. Discuss the components of an optimisation problem.

**(4X5=20)**

### **Section D**

**Answer any three of the following questions in two pages each. Each question carries 10 marks.**

34. What is filtering data in Excel? Explain its uses and various types of filtering.
35. What are the various types of charts used in Excel for data presentation? Describe the common actions to modify charts.
36. What are pivot tables and how to create it? Explain its major components and benefits.
37. Write a note on data analysis Toolpak and how to install it. Discuss various statistical functions and tools of it.
38. Discuss testing of Hypothesis. Explain how to perform Chi-square test in Excel.
39. What is regression analysis? Discuss how to perform it in Excel.

**(10X3=30)**