Roll No. ------------------

**MCA-01**

**Computer Fundamentals and PC software**

1ST Semester Examination 2024 (Dec.)

**TIME: 2 Hours Max Marks: 70**

Note: This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. ***Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.***

**SECTION – A**

**Long-answer - type questions**

**Note: Section ‘A’ contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only. (2×19=38)**

1. Draw a block diagram to illustrate the basic organization of a computer and explain the various components of computer.
2. What is linux? Discuss its features.
3. Explain the Evolution of computer in detail. Compare all computer generation in details.
4. What is the difference between primary and secondary memory? Explain the memory hierarchy Briefly with diagram.
5. Explain the difference between Real time, Network OS, Distributed Operating System.

**SECTION – B**

**Short – answer – type questions**

**Note: Section ‘B’ contains eight (08) short- answer type questions of Eight (08) marks each. *Learners are required to answer any Four (04) questions only.* (4×8=32)**

1. Explain the function of operating system.
2. How will you perform following MS Word function?

Setting Header and Footer, setting bullet and numbering

1. Discuss the various features of DOS.
2. Explain the difference between Windows and LINUX.
3. Explain any 5 internal and 5 external DOS Command.
4. Explain Merging Cells, Inserting and Deleting Rows and columns in MS-Excel.
5. Explain the features of MS-Power point. Describe the steps for Applying Custom Animations.
6. What are the different operators used in MS-Excel? How will you display chart in Excel?