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Roll No. :

MCA-01/PGDCA-01/M.Sc.IT-01
Computer Fundamentals and PC Software/
Master of Computer Application/P.G.Diploma in
Computer Application/Master of Science in Information
Technology/Master of Science (Cyber Security)
1st /3rd Semester Examination June 2022

Time : 2 Hours

Max. Marks : 80

Note : This Paper is of Eighty (80) marks divided into two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given there in.

Section-A

(Long Answer-type questions)

Note: Section 'A' contains Five (05) Long-answer type questions of Twenty (20) marks each. Learners are required to answer any two (02) questions only.

(2 x 20 = 40)

P.T.O.

Q.1. Answer the following :

- a. Discuss the important features of various generations of computer. Give some examples of the computers of each generation.
- b. List the key hardware technologies used in building computer of each of the five generation.

Q.2 Answer the following :

- a. Differentiate between a bit and a byte.
- b. What is a bus? List out the main functions performed by buses in a computer system.
- c. What is process? What are the main objectives of the process-management module of the operating system ?

Q.3 Answer the following :

- a. What are Windows components? Give examples.
- b. Explain briefly the types of Windows. How do we close, minimize, move and resize a window ?
- c. Explain any five important features of Windows 7.

Q.4 Answer the following :

- a. Differentiate between the copy-paste and cut-paste method.
- b. What is the difference between removing text with the Delete key and with the Backspace key?

P.T.O.

- c. What is the use of the Tab key? How can the Tab key be set?
- d. How can a text be made Bold, Italic and Underlined? Mention the shortcuts to mark the text as bold, italic and underlined.

Q.5 Answer the following :

- a. What are operators in Excel? How many types of operators are there in Excel?
- b. What are the chart in excel and why are they used?

Section-B

(Short Answer-type questions)

Note: Section 'B' contains Eight (08) Short-answer type questions of ten (10) marks each. Learners are required to answer any four (04) questions.

(4 x 10 = 40)

Q.1 Explain how you can implement the cut, copy and paste operation in vi?

Q.2 Describe the Ribbon in Excel 2007.

P.T.O.

- Q.3 Answer the following :
- a. What is an IC? How does its help in reducing the size of computers?
 - b. What are the advantages of transistors over vacuum tubes?
- Q.4 What is a cache memory? How is it different from a primary memory ?
- Q.5 What are pointing devices? Discuss some of the commonly used pointing devices?
- Q.6 What is network operating system? How is it different from the distributive operating system?
- Q.7 Describe the different parts of the Window Explorer.
- Q.8 Answer the following :
- a. What do you mean by Open Source and Free Software?
 - b. A file has got a protection 756(octal). What protection does it really have?

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