Roll No. | | | | | | | | | | | | |

Total No. of Questions: 15 **Total No. of Pages: 02**

MBA / MBA(IB) (Sem. 1)
INFORMATION TECHNOLOGY FOR MANAGEMENT
Subject Code: MBA-107
Paper ID: C0107

Time: 3 Hrs. **Max. Marks: 60**

INSTRUCTIONS TO CANDIDATES:

1. **Attempt any FOUR questions from Section A. Each Question carries FIVE marks.**
2. **There are four sub sections from Section B. Attempt ONE question from every sub section. Each question carries EIGHT marks.**
3. **Section C is carries EIGHT marks. Analyse the facts given in the following case and answer the given Questions.**

SECTION A

1. Explain the Block Structure of computer.

2. Explain the various types of Application Software's.

3. Discuss the various editing & formatting functions of MS-word.

4. What is Input Devices? Explain the different Input devices.

5. Explain the following TELNET, FTP.

6. Explain the various applications of Internet.

SECTION B

Sub-Section - I

7. Discuss the various computer memories & mass Storage devices in detail.

8. What is TCP/IP? Explain the various Layers of TCP/IP.

Sub-Section - II

9. What is Template? Explain the various Design & Animations Schemes that can applied to presentation.

10. Explain the various Classifications of Computers.

Sub-Section - III

11. What is Macro? What are the various steps to Create a macro in MS Word?

12. Explain the various types of charts or graphs in excel.

Sub-Section - IV

13. What is DBMS? How it is different from traditional File System.

14. What is Network? Explain the various Network Communication Devices.

SECTION C

15. There can be at most $\frac{2^{21}}{2^{10}}$ frames in main memory, so a page table entry will require 11 bits for a frame number, plus protection and reference bits, etc. A page table may have up to $\frac{2^{24}}{2^{10}} = 2^{14}$ entries. A virtual address has 24 bits. Virtual address 1524 lies on page 1 which resides in frame 8 with an offset of 1524 modulo 1024, or 500. So, 1524 maps to physical address 8* 1024 + 500 = 8192 + 500 = 8692. Physical address 10020 is in frame 9, with an offset of 804. Virtual page 4 maps to frame 9, so virtual address 4* 1024 + 804 = 4900 will map to 10020.

Questions:

a) What is the Virtual Address.
b) How many bits are there of virtual Address.
c) 1524 Maps to which Physical Address.