

Note: Section-I is compulsory. Attempt any THREE (3) questions from Section-II.

SECTION - I

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

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|---|--|
| i - Give two applications of OMR. | vi - What is Metropolitan Area Network? |
| ii - Convert 240 MB of memory into bytes and kilobytes. | vii - State two services of Application Layer. |
| iii - Write down two benefits of E-mail. | viii - How data is represented in computers? |
| iv - Briefly define ARPANET. | ix - What is Broadband? |
| v - Define the function of Network Interface Card (NIC) | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

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|---|--|
| i - Distinguish between CX and DX registers. | vi - Define the term Backup. |
| ii - What is the use of MAR register? | vii - Define Antivirus software. |
| iii - Why RAM is called Volatile Memory? | viii - Elaborate the purpose of search engine. |
| iv - Elaborate the concept of memory buffer register. | ix - How web pages are created? |
| v - How does boot sector virus work? | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

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|---|---|
| i - Write down two typing modes in MS-Word. | vi - Write Excel function to add values in Cells B5 to B15. |
| ii - Why we use Margins of document in MS-Word? | vii - What do you mean by function in MS-Excel? |
| iii - Describe Undo and Redo commands of MS-Word? | viii - What is cell in MS-Excel? |
| iv - What is Thesaurus in MS-Word? | ix - Write the concept of 3D-worksheets of MS-Excel. |
| v - Change the relative reference C1 into absolute reference. | |

SECTION - II

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| 5 - Define display screen. Explain its types. | (8) |
| 6 - Explain serial and parallel transmission. Also discuss two types of serial transmission. | (8) |
| 7 - Explain any four uses of computer in medical field. | (8) |
| 8 - Define Bus interconnection. Explain different types of system buses. | (8) |
| 9 - Discuss any four (04) objects of Windows Operating System. | (8) |