

Note: Section I is compulsory. Attempt any TWO (2) questions from Section II.

SECTION - I

Q.2 Write short answers to any FIVE (4) questions: 8

- i Reproduce prototype in your own words.
- ii Write down the purpose of act it out.
- iii Write down the names of any two symbols of flowchart.
- iv Define absent data
- v What is meant by Hypertext?
- vi Write down the steps to create webpage in HTML.

Q.3 Write short answers to any FIVE (4) questions: 8

- i Write down definition of hexadecimal number system.
- ii Convert $(C921)_{16}$ to decimal.
- iii How is data represented in computer memory?

iv Construct truth table for AND operator.

v Define hard disk loading.

vi Describe briefly copyright law.

Q.4 Write short answers to any FIVE (4) questions: 8

- i How do we relate telephone addressing with network addressing?
- ii Give an example of "network of networks".
- iii For which HTTP stands?
- iv Write down one difference between Static IP Address and Dynamic IP Address.
- v Which tag is used to define table in HTML?
- vi Define rowspan in HTML.

SECTION-II

Q.5 How can you measure the efficiency of an Algorithm? Explain with example. 8

Q.6 Describe about the understanding of IP addressing. 8

Q.7 Write down any four ethical issues related to security in detail. 8