

PART - I

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

- i What is prototype'?
- ii Define candid solution.
- iii Differentiate between flowchart and algorithm.
- iv Why testing is important in problem solving?
- v Explain the use of < UL > tag.
- vi Write the name of mam parts of web page.

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

- i Define the number system.
- ii Convert $(A23)_{16}$ into binary.
- iii Describe the non-volatile memory.
- iv Prepare truth table for 'OR' operator.
- v Describe the purpose of encryption.
- vi What is meant by phishing attack?

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

- i What are the names of communication medium?
- ii Define protocol.
- iii What is the use of SMTP?
- iv What is meant by physical layer?
- v What is meant by attributes of tags in HTML?
- vi Write the method of creating graphical hyperlink.

PART - II

Note: Attempt any TWO questions.

Q.5 Describe types of test data in detail. 8

Q.6 What is router? Explain the process of routing with the help of example. 8

Q.7 Explain the types of cyber crime. 8