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