(Group–II)

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

i. Write two strategies for planning a solution.

ii. Write the importance of flowchart in problem solving.

iii. What is the problem analysis?

iv. Write the basis of two metrics for efficiency of algorithm.

v. What are the singular tags?

vi. Write the tag for line breaking.

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

i. What is meant by number system?

ii. What is meant by volatile memory?

iii. $(11000001)_2$ convert into hexadecimal

iv. Define the byte.

v. What is meant by hard-disk loading?

vi. What is counterfeiting?

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

i. Define computer network.

ii. Define the protocol.

iii. What is hyperlink?

iv. Write a note on file transfer protocol (FTP).

v. What is meant by body section in HTML?

vi. How to write heading and sub-headings in an HTML document?

PART – II

Note: Attempt any Two questions. 16

5. Explain any four symbols of flowchart in detail. (8)

6. Explain routing process in detail. (8)

7. What is meant by encryption? Also explain the importance of encryption for every day life on the internet. (8)