

**UNSOLVED**

Computer Science	9th Class (2022)	Lahore Board
Time: 1:45 Hours	Subjective Type	Marks:40

**Part – I**

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

- i. Define algorithm verification.
- ii. Define candid solution.
- iii. Write the name of the steps involve in problem solving.
- iv. Define binary number system
- v. Why we called secondary memory is non-volatile memory.
- vi. Convert  $(357)_{10}$  into hexadecimal number system.

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

- i. Draw a truth table of an OR operator.
- ii. Write down NOT (P) for P proposition.
- iii. Write any two names of the law of Boolean algebra.
- iv. Why we use server computer?
- v. What is protocol?

vi. Define router?

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

- i. Define HTML.
- ii. Which tag is used for horizontal line in HTML?
- iii. Why `&nbsp;`, is used in HTML?
- iv. Defines sabotage.
- v. Define hacking.
- vi. Give one example of paired tag.

**Part – II**

**Note: Attempt any TWO questions.**

- 5** Explain determining requirements of a flowchart. **4,4**
- 6** What is data communication? Explain components of communication system. **2,6**
- 7** What is phishing attack? Write three characteristics of phishing email. **2,6**