WEEKLY EXAM 2079/08/14

Subject: Computer Science	GRADE XI (SCIENCE)	F.M.: 40
Time : 1:30 hrs.	SET A	P.M.: 20

Group A (7 × 1 = 7)

1. Which generation programming language is based on solving constraints entered by the programmer?
   a. 3rd Generation programming language
   b. 5th Generation programming language
   c. 2nd Generation programming language
   d. None of these

2. Error message will generally not appear if a .... error occurs.
   a. Execution error
   b. Run-time error
   c. Logical error
   d. Both a and b

3. Unicode is basically ....
   a. 8-bit code
   b. 16-bit code
   c. 24-bit code
   d. All of the above

4. ...... generates object code.
   a. Compiler
   b. Interpreter
   c. Both a and b
   d. None of the above

5. Which is not a property of the algorithm?
   a. Input/Output
   b. Definiteness
   c. Convenient
   d. Correctness

6. Selection logic is called ......
   a. Decision logic
   b. Sequence logic
   c. Iteration logic
   d. Both a and b
7. Which of the following is a valid variable name?
   a. B'day
   b. $hello
   c. dot.
   d. totalArea_

Group B (5 × 5 = 25)

8. What is C Programming? Explain the features of C Programming.
9. Define semantics and syntax of a program. Explain why semantics errors are more difficult to find than syntax errors.
10. Differentiate between 3GL and 4GL.
11. What is an identifier? Write down the rules for writing an identifier.
12. Write an algorithm and draw a flowchart to find whether a given number is positive, negative, or zero.

Group C (8 × 1 = 8)

13. Answer the following.
    a. Explain C Program Compilation Process.
    b. Explain the character set used in C.

๑ All the best ൞