NEB - GRADE XII
Computer Science
Model Question [2077 (2020)]

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Time: 1.30 hrs.   **Full Marks: 30**

Group 'A'
(Long answer questions)

Attempt any **two** questions.   2x7.5=15

1. a) Explain if-else control structure with example.   3.5
    b) Define the terms inheritance and polymorphism.   2+2

2. What is function ? Write the advantages of function. Differentiate between library and user-defined function with example.   1+2.5+4

3. What is normalization write its advantages. Explain second and third normal form with example.   1.5+2+4

Group 'B'
(Short answer questions)

Attempt any **three** questions.   3x5=15

4. Explain system analysis phase of SDLC.   5

5. What is database model ? Explain relational model.   2+3

6. Differentiate between bounded and unbounded transmission media.   5

7. Write short note on: 2.5+2.5
    a) AI   b) Router

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