

**Daisy English Boarding Secondary School**  
**SELF EVALUATION PRACTICE**

SET A

**Computer Science (XI)**

F.M: 75

Candidates are required to give their answer in their own words as far as practicable. The figure in the margin indicates full marks.

**"Group A"**

**Long Answer Questions**

**Attempt any *Three* questions:**

**3x10=30**

1. What do you mean by logic gates? Explain any four of them with logic symbol, truth table and venn diagram. 2+8
2. What do you mean by memory? Explain primary and secondary memory in detail. 2+8
3. What do you mean by Operating system? Explain any eight functions of an operating system. 2+8
4. What do you mean by programming errors? Explain the types of programming errors with examples. 1+9

**"Group B"**

**Short Answer Questions**

**Attempt any *Nine* questions:**

**9x5=45**

1. Explain the types of computer on the basis of size and performance.
2. Convert  $(ABC)_{16}$  into binary number system.
3. List the features of computer. Explain any two of them. 1+4
4. Explain the different generations of computer on the basis of technology used in them.
5. Differentiate between impact and non-impact printer with examples.
6. What do you mean by programming tools? Write an algorithm and draw a flowchart to determine the greatest among two numbers. 1+4
7. What do you mean by internet? List its uses. 1+4
8. What is presentation software? Write its features. 2+3
9. What is HTML? Write the basic structure of html document. 2+3
10. Subtract the Binary number (1101) from (1010) using 1's and 2's complement method. 5
11. Write short notes on: 2x2.5=5
  - a. Light Pen
  - b. Multiprogramming OS