



The Times Secondary School

Dillibazar, Kathmandu

First Terminal Examination – 2076

Grade: - XI

Set – A

Full Marks:-75

Stream: Management (Morning Shift)

Pass Marks:-30

Subject: - Computer Science

Time : 3 hrs

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

Group : A

Answer the following questions. (Any three) [10× 3=30]

1. Describe AND gate, OR gate, NOT gate, NOR gate, and NAND gate with logical statement, gate symbol, truth table and Venn diagram.
2. Describe computer on the basis of working principle. [10]
3. Define generation of computer. Explain the technology used in different generation of computer. [2+8]
4. What are the application areas of computer? Explain in detail. [10]

Group: B

Short Answer Question

Attempt any nine questions: [5× 9=45]

5. What is mobile Technology? Explain the importance of mobile technology in communication. [2+3]
6. What is number system? Convert $(BBC)_{16} = ()_2$. [1+4]
7. Differentiate between IBM PC and IBM compatible computer. [5]
8. What is word processor? Write the features of word processor. [1+4]
9. Why computer is known as versatile and diligent device? Explain. [2+3]
10. Subtract 1010 from 101 using 1's and 2's complement method. [5]
11. State and prove De-Morgan's Theorem. [5]
12. Define the term of software, Hardware and firmware. [5]
13. Why microcomputer is popular then other computer? [1+4]
14. What is super computer? List out application areas of super computer. [2+3]
15. Write short note on (any two)
 - a. Workstation computer
 - b. Personal Computer
 - c. Apple /Macintosh

THE END *



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Group : A

Answer the following questions. (Any three) [10× 3=30]

1. Describe any five logic gate with logical statement, gate symbol, truth table and Venn diagram. [10]
2. Describe different types of computer on the basis of size. [10]
3. Explain the types of generation of computer with major features. [10]
4. What are the characteristics of a computer? Explain. [10]

Group: B

Short Answer Question

Attempt any nine questions: [5× 9=45]

5. Differentiate between second and third generation of computer. [5]
6. What is mobile computing? Explain the advantage/disadvantages of mobile computing. [2+3]
7. Define binary number system? Convert $(BAD)_{16} = ()_2$. [1+4]
8. What is Ms word? List out the advantages of Ms word. [1+4]
9. Differentiate between analog and digital computer. [5]
10. Subtract 10110 from 1100 using 1's and 2's complement method. [5]
11. Explain advantages/ disadvantages of computer in our modern society. [1+4]
12. What is hybrid computer? List out the features of hybrid computer. [1+4]
13. Differentiate between IBM PC and Apple/ Macintosh computer. [5]
14. State and prove De-Morgan's Theorem [5]
15. Write short note on (any two)
 - a. Laptop
 - b. Notebook
 - c. PDA

THE END *