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Patan Multiple Campus
Bachelor in Information Technology
Mid-Term Exam - 2080

Course Title: Introduction to Information Technology (BIT101)

Semester: I

Time: 2 Hrs.

Full Marks: 40

Pass Marks: 16

Group-A

Section "A"

Long Answer Questions

Attempt any one question. (1 × 10 = 10)

1. Explain basic organization of computer system with block diagram. (10)
2. What is RISC and CISC? Explain instruction set architecture RISC and CISC with example. (2+8)

Section "B"

Short Answer questions

Attempt any six questions. (6*5 = 30)

3. Explain types of computer on the basis of its size. (5)
4. What is instruction set? Explain instruction cycle in brief. (2 + 3)
5. Define primary memory. Discuss different types of primary memory. (1 + 4)
6. Explain SRAM and DRAM with concept and term. (5)
7. Define data model. Explain relational data model with example. (2+3)
8. Explain recent concept of data warehouse and data mining. (5)
9. What is cryptography? Explain objectives of cryptography. (2+3)
10. Define security policy. Explain effective guidelines for security policy. (1+4)