

# POKHARA UNIVERSITY

Level: Bachelor                      Semester: Spring                      Year : 2019  
Programme: BE                      Full Marks: 100  
Course: Fundamentals of IT                      Pass Marks: 45  
Time : 3hrs.

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

***Attempt all the questions.***

1. a) Define CBIS and its components. 5  
b) Briefly explain about the role of IT in organizations. 5  
c) With suitable examples explain Data, Information and Knowledge. 5
2. a) Define communication channel. Compare the wired and wireless channels. 7  
b) Compare OSI-Reference model and TCP/IP Protocol. What are the importance of OSI model in data communication? 8
3. a) Explain about the integrated information system based Enterprise resource planning. 7  
b) Explain Enterprise Storage System. 8
4. a) What is High level programming language? Briefly explain its types. 5  
b) Define multitasking, multiprocessing, multiprogramming and multithreading. 5  
c) What are the basic functions to be considered while choosing a Enterprise Software? 5
5. a) Explain the supporting elements of E-commerce. 7  
b) What are strong AI and Weak AI in Business Enterprise? 4  
c) What is an expert system? What are its characteristics? 4
6. a) What is search engine and how it works? 5  
b) What is Data mart and why it is used? 5  
c) What do you mean by fuzzy logic? 5

7. Write short notes on: (Any two)

2×5

- a) Primary Storage
- b) ER diagram
- c) MIS