



**MAULANA ABUL KALAM AZAD UNIVERSITY OF
TECHNOLOGY, WEST BENGAL**

Paper Code : BCA-102

BUSINESS SYSTEM & APPLICATION

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

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

**GROUP - A
(Multiple Choice Type Questions)**

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) Which level of management formulates operational plans & objectives ?
- a) Top management
 - b) First level managers
 - c) Middle management
 - d) Supervisors.
- ii) OLRT processes input data immediately and output data
- a) slowly
 - b) moderately fast
 - c) immediately
 - d) none of these.

- iii) The overall conceptual or logical view of the relationships between the data in a database is referred to as
- a) data redundancy
 - b) schema
 - c) mappings
 - d) none of these.
- iv) Data origination, processing, ready-access storage and destruction are the stages of
- a) SDLC
 - b) DBMS
 - c) data life cycle
 - d) none of these.
- v) The technology that is used to analyse data stored at different network places or data warehouses is known as
- a) BPR
 - b) OLRT
 - c) AI
 - d) OLAP.
- vi) SAP R/3 and Microsoft Dynamics are examples of
- a) ERP systems
 - b) TPS
 - c) SIS
 - d) MIS.
- vii) Ability to support the solution of complex problems is a characteristic of
- a) TPS
 - b) DSS
 - c) OAS
 - d) AI.
- viii) To apply BPR, IS uses re-engineering and
- a) Reverse engineering
 - b) Operational database
 - c) IS architecture
 - d) Civil engineering.

8. a) What is decision making ?
b) How many types of decision making models are there ?
c) Explain about these models in brief.
d) Write down the characteristics of a decision.

2 + 4 + 6 + 3

9. a) Explain in detail, Transaction Processing System (TPS).
b) Differentiate between TPS and MIS.
c) Explain Distributed Data Processing. 7 + 5 + 3

10. a) What is SDLC ? What are its parts ?
b) What is virtual office ? Mention its advantages and disadvantages.
c) Discuss office automation. (2 + 3) + (2 + 3) + 5

11. Write short notes on any *three* of the following : 3 × 5

- a) CRM
b) Supply Chain Management
c) Local Area Network (LAN)
d) E-Business
e) Groupware.