

**MASTER OF BUSINESS
ADMINISTRATION (BANKING AND
FINANCE) (MBF)**

Term-End Examination

June, 2025

**MMPB-003 : INFORMATION TECHNOLOGY
AND DIGITAL BANKING**

Time : 3 Hours

Maximum Marks : 100

Note : Answer any *five* questions. All questions carry equal marks.

1. How has information technology transformed banking in India ? Discuss. 20
2. What is a data centre ? How does a bank leverage the features of a data centre ? 20
3. What is Open System Interconnection (OSI) model ? Describe various OSI layers and discuss their functions. 20
4. What are the data protection techniques available to banks ? Explain in detail with any *two* examples. 20

5. Explain the System Development Life Cycle (SDLC). Describe the various SDLC models.

20

6. How has data analytics helped banks in customer-centric designing of products ? Explain.

20

7. Which retail digital payment systems are implemented by banks in India ? Give detailed work flow of any *two* systems.

20

8. Write short notes on any *four* of the following :

4×5=20

- (a) Data Governance
- (b) Card based payments
- (c) The Information Technology Act, 2000
- (d) SD-WAN
- (e) Cloud Computing
- (f) Serverless Computing

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