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MMPB-003

**MASTER OF BUSINESS
ADMINISTRATION
(BANKING AND FINANCE) (MBF)
Term-End Examination
June, 2024**

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

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Answer any **five** questions.*

(ii) *All questions carry equal marks.*

1. How many types of networks are in use for digital communication in banks ? Give a brief description of each. Draw a simple network design.
2. What do you understand by Payment Systems ? Discuss the need for payment systems and explain the characteristics of a payment system.

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3. What are the security features implemented by banks for online banking ? Explain the functioning with any *two* examples.
4. What role has the Reserve Bank of India played in development the IT infrastructure of banks in India ?
5. What is digital signature ? What are the enabling features which have made this applicable to banking ?
6. What is Block Chain Technology ? Explain the transaction flow and consensus mechanism in Block Chain transaction.
7. What constitutes big data analytics ? Discuss the application of big data analytics in banking operations.
8. Write short notes on any *four* of the following :
 - (a) Core principles for systemically important payment systems
 - (b) Processing through Block Chain Technology
 - (c) Business continuity planning
 - (d) INFINET network
 - (e) Business correspondent