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BRAINWARE UNIVERSITY

Term End Examination 2025-2026
Programme – M.Com.(BFA)-2025
Course Name – MOOC-Fintech: Foundation and Applications
Course Code - MCM20406C
(Semester II)

Full Marks : 70 **Time : 3:0 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A
(Multiple Choice Type Question) 1 x 15=15

1. *Choose the correct alternative from the following :*

(i) Define a traditional banking era.
a) Blockchain-based banking
b) Branch-centric banking
c) API-driven banking
d) Platform banking

(ii) Give example of a FinTech-driven service.
a) Manual ledger
b) Robo-advisory
c) Passbook entry
d) Cheque clearing

(iii) Illustrate FinTech 4.0 using an example.
a) ATM usage
b) Internet banking
c) AI-based credit scoring
d) Cheque clearing

(iv) Define blockchain technology.
a) Centralized database
b) Distributed ledger technology
c) Accounting framework
d) Payment gateway

(v) Give example of API-enabled service.
a) Manual KYC
b) Account aggregation
c) Cash withdrawal
d) Cheque deposit

(vi) Choose the most accurate feature of disruptive FinTech technologies.
a) Paper dependence
b) Real-time analytics
c) Manual reconciliation
d) Branch-centricity

(vii) Show how P2P lending differs from bank lending.
a) Branch-based
b) Individual-to-individual
c) Collateral-heavy
d) Manual approval

(viii) Predict the impact of FinTech lending on MSMEs.
a) Reduced credit
b) Improved credit access
c) Higher rejection
d) Increased paperwork

(ix) Predict an outcome of InsurTech adoption.

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a) Slower claims
b) Higher paperwork
c) Manual verification
d) Faster claim settlement

(x) Illustrate RegTech usage using an example.

a) Cheque processing
b) Manual auditing
c) Ledger reconciliation
d) AML compliance automation

(xi) Examine how SupTech supports regulators.

a) Manual monitoring
b) Paper inspections
c) Branch audits
d) Data-driven supervision

(xii) Evaluate the effectiveness of RegTech in modern regulation.

a) Ineffective
b) Eliminates regulators
c) Improves regulatory efficiency
d) Reduces accountability

(xiii) Evaluate the regulatory risks of WealthTech platforms.

a) No risks
b) No data usage
c) Algorithmic bias
d) Manual control

(xiv) Examine how neo-banks differ from traditional banks.

a) Branch-based model
b) Digital-only operations
c) Paper-driven services
d) Manual onboarding

(xv) Analyze security challenges in digital banking.

a) No cyber risk
b) Data breaches
c) Zero fraud
d) Manual errors

Group-B

(Short Answer Type Questions) 3 x 10=30

2. State 3 limitations of traditional financial systems. (3)
3. Define Artificial Intelligence in the context of finance. (3)
4. Classify the different generations of FinTech. (3)
5. Differentiate between AI and Machine Learning. (3)
6. Analyze one risk associated with digital payments. (3)
7. Explain Digital Public Infrastructure (DPI). (3)
8. Examine the difference between RegTech and SupTech. (3)
9. Analyze the impact of WealthTech on investors. (3)
10. Assess operational risks in branchless banking. (3)
11. Evaluate the importance of neo-banks in the banking ecosystem. (3)

OR

Evaluate the role of FinTech in sustainable finance. (3)

Group-C

(Long Answer Type Questions) 5 x 5=25

12. Explain the evolution of financial systems leading to the emergence of FinTech. (5)
13. Differentiate between traditional payment systems and digital payment systems. (5)
14. A bank is losing customers due to slow services. Analyze how adopting FinTech can improve performance. (5)
15. Evaluate future challenges of sustainable FinTech development. (5)
16. Analyze security and privacy challenges in digital banking. (5)

OR

Analyze how FinTech contributes to green finance initiatives. (5)

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