



**FINAL EXAMINATION**  
**MARCH 2024**

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<b>COURSE TITLE</b>	<b>FINTECH AND CROWDFUNDING</b>
<b>COURSE CODE</b>	<b>RFIN4413</b>
<b>DATE/DAY</b>	<b>20 JUNE 2024 / THURSDAY</b>
<b>TIME/DURATION</b>	<b>02:00 PM - 04:00 PM / 02 Hour(s) 00 Minute(s)</b>

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**INSTRUCTIONS TO CANDIDATES:**

1. Please read the instruction under each section carefully.
2. Candidates are reminded not to bring into examination hall/room any form of written materials or electronic gadget except for stationery that is permitted by the Invigilator.
3. Students who are caught breaching the Examination Rules and Regulation will be charged with an academic dishonesty and if found guilty of the offence, the maximum penalty is expulsion from the University.

(This Question Paper consists of 6 Printed Pages including front page)

**\*\*\*DO NOT OPEN THE QUESTION PAPER UNTIL YOU ARE TOLD TO DO SO\*\*\***

This question paper consists of TWO (2) sections. Answer ALL questions in the answer booklet provided. [100 MARKS]

SECTION A

(50 Marks)

There are TWENTY-FIVE (25) questions in this part. Answer ALL questions.

1. What is Blockchain?
  - A. A currency
  - B. A ledger
  - C. A report
  - D. A distributed ledger on a peer-to-peer network
  
2. Who introduced the digital online cryptocurrency known as Bitcoin?
  - A. Satoshi Nakamoto
  - B. Nick Szabo
  - C. Wei Dai
  - D. Hal Finney
  
3. The process of encrypting and decrypting information is known as \_\_\_\_\_.
  - A. Decentralized application
  - B. Cryptocurrency
  - C. Blockchain
  - D. Cryptography
  
4. What could be the risk of crowdfunding?
  - A. Validate the business
  - B. Failed campaigns which damage reputation
  - C. Backers may help to define the business idea
  - D. Gain knowledge of the market potential with a pitch
  
5. Credit cards are one of the technological innovations implemented in financial services, which was found in \_\_\_\_\_.
  - A. 1950s
  - B. 1850s
  - C. 1990s
  - D. 2005s

6. What does "API" stand for in the context of Fintech?
- A. Application Programming Interface
  - B. Automated Platform Integration
  - C. Artificial Programming Interface
  - D. Advanced Payment Infrastructure
7. What popular mobile payment platform allows users to send and receive money using their smartphones?
- A. PayPal
  - B. Google Pay
  - C. Apple Pay
  - D. All the above
8. What term refers to the use of blockchain technology in financial transactions?
- A. Cryptocurrency
  - B. Smart contracts
  - C. Decentralized finance (DeFi)
  - D. All the above
9. Fintech revolution 2.0 was during \_\_\_\_\_.
- A. 1967 - 2008
  - B. 1967 - 2010
  - C. 1965 - 2008
  - D. 1966 - 2007
10. Below are the risks faced by fintech, except \_\_\_\_\_.
- A. Privacy challenges and regulation
  - B. Credit risk
  - C. Cyber attacks
  - D. Speed and ease of use
11. What does the block in the blockchain consist of?
- A. Transaction data
  - B. A Hash point
  - C. A Timestamp
  - D. All the above
12. Which of the following is popularly used for storing bitcoins?
- A. Pocket
  - B. Wallet
  - C. Box
  - D. Stack

13. Which technology is often used for secure authentication in Fintech applications?
- A. Blockchain
  - B. Artificial Intelligence
  - C. Biometrics
  - D. Virtual Reality
14. What is the term for using smartphones to make contactless payments?
- A. NFC
  - B. QR code
  - C. POS terminal
  - D. ATM transactions
15. What is the term for the practice of using technology to streamline and automate financial processes?
- A. Financial Automation
  - B. Financial Integration
  - C. Financial Technology
  - D. Financial Disruption
16. Which technology enables the creation of smart contracts in Fintech applications?
- A. Virtual Reality
  - B. Augmented Reality
  - C. Blockchain
  - D. Machine Learning
17. Which Fintech innovation offers microloans to individuals and small businesses?
- A. Crowdfunding
  - B. Crowdsourcing
  - C. Peer-to-Peer Lending
  - D. Cryptocurrency Mining
18. Which Fintech service allows individuals to invest in a diversified portfolio with small amounts of money?
- A. Robo-Advisors
  - B. Cryptocurrency Exchanges
  - C. Equity Crowdfunding
  - D. Mobile Banking

19. Which regulatory technology is used by financial institutions to comply with regulations?

- A. Insurtech
- B. Regtech
- C. Wealthtech
- D. Biotech

20. What is the primary purpose of robo-advisors in Fintech?

- A. Virtual Banking
- B. Financial Planning
- C. Cryptocurrency Mining
- D. Social Media Marketing

21. What is the main purpose of Insurtech?

- A. Providing financial advice
- B. Facilitating insurance processes
- C. Conducting stock market analysis
- D. Managing cryptocurrency transactions

22. Which Fintech technology enables quick and secure cross-border money transfers?

- A. Distributed Ledger Technology (DLT)
- B. Artificial Intelligence (AI)
- C. Internet of Things (IoT)
- D. Near Field Communication (NFC)

23. What is the main benefit of using blockchain technology in Fintech?

- A. Lower transaction fees
- B. Faster internet speed
- C. Enhanced cybersecurity
- D. Better user interface

24. Which country boasts the highest consumer FinTech adoption rate globally?

- A. China
- B. India
- C. United States
- D. United Kingdom

25. What is the term for the process of using algorithms to analyze financial data and make investment decisions?

- A. Algorithmic Trading
- B. Digital Marketing
- C. Cloud Computing
- D. Augmented Reality

**SECTION B**

**(50 Marks)**

There are TWO (2) questions in this part. Answer ALL questions.

**QUESTION 1**

Fintech and banks can create an ecosystem that allows them to better fulfil client needs and close or bridging the gap between services offered by traditional banks and actual customer demands.

**Required:**

Explain why fintech and banks are collaborating with each other.

(25 marks)

**QUESTION 2**

The financial technology industry is rapidly evolving with the introduction of innovative payment solutions. Consumers increasingly prefer to pay using their smartphones by taking advantage of features like e-wallet, remittance, and points of sales.

**Required:**

Explain the payments solutions with pros and cons.

(25 marks)

\*\*\* END OF QUESTION PAPER \*\*\*