QP CODE: 21100118

21100118

Reg No : .....

Name : .....

UNDERGRADUATE (CBCS) EXAMINATION, FEBRUARY 2021

Fifth Semester

(Offered by the Board of Studies in Commerce)

Open Course - CO5OPT02 - CAPITAL MARKET AND INVESTMENT MANAGEMENT

2017 Admission Onwards

47F3398B

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Name the components of Indian financial system.
2. Define call money.
3. List functions of capital market.
4. What is Underwriting?
5. Who are Brokers to the Issue?
6. What is Allotment of Shares?
7. Who are Arbitrageurs?
8. What is Kerb Trading?
9. What is Double Option?
10. Define investment.
11. What is strategic asset allocation?
12. Explain AMC.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Distinguish between ADR's and GDR's.
14. List the major departments of SEBI .

15. Comment on the advantages and limitations of Private Placement.

16. Briefly discuss on the Book Building Process.

17. What are the steps involved for the purchase and sale of securities through a Stock Exchange?

18. What are the advantages of Listing of Securities?

19. Which are the different types of Derivatives? Explain about each of them.

20. Explain the process of portfolio analysis.

21. What do you mean by unrecognized PF?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the recent developments in the Indian financial system.

23. Describe Stock Market Indices with an example. Explain the advantages of Stock Market Indices.

24. What is industry life cycle? Detail various stages.

25. What are investment avenues? Explain investment alternatives.

(2×15=30)

QP CODE: 21100010

21100010

Reg No : .....

Name : .....

B.Sc/BCA DEGREE (CBCS) EXAMINATION, FEBRUARY 2021

Fifth Semester

Core Course - CS5CRT12 - COMPUTER NETWORKS

B.Sc Information Technology Model III , Bachelor of Computer Application

2017 Admission Onwards

EEB4C569

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Why composite signal is always used in data communication?
2. What do you mean by coding?
3. What is meant by FDM? Which are the applications of FDM?
4. Differentiate ground propagation and line of sight propagation.
5. What is the purpose of routing table in datagram network?
6. Differentiate flow control and error control in Data link layer.
7. Data Link layer can be considered as two sublayers. Briefly explain the function of each sublayer.
8. What is scatternet?
9. What is jumbo payload?
10. What are segments?
11. Define Jitter.
12. Define request line and and status line.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Define topologies.
14. What do you mean by amplitude modulation?
15. Explain the data communication using datagram switching with a neat diagram.

16. Explain character oriented protocols used in variable size framing.

17. Explain simplex protocol in noiseless channels.

18. Differentiate classful and classless addressing schemes.

19. Explain each subfield of an IPv6 unicast address.

20. Explain advantage and disadvantage of firewalls.

21. Explain substitution cipher with example.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Express TCP IP Protocol Suite architecture.

23. What is spread spectrum? Explain different spread spectrum techniques in detail.

24. Explain Cellular Telephony.Write notes on (i)base station (ii) mobile switching center (iii) frequency reuse principle (iv) Hand off.

25. Explain any three connecting devices in detail.

(2×15=30)

QP CODE: 21100313

Reg No : .....

Name : .....

BSc DEGREE (CBCS) EXAMINATION, FEBRUARY 2021

Fifth Semester

Core Course - CS5CRT13 - IT AND ENVIRONMENT

B.Sc Computer Science Model III,B.Sc Information Technology Model III,Bachelor of Computer Application

2017 Admission Onwards

A3A737BC

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Define data.
2. Write the name of any two renewable resources.
3. Define virtual classroom.
4. Define IT.
5. What is counterfeiting?
6. Give health issues for the usage of computer.
7. Explain E-Waste.
8. What do you mean by Meit Y?
9. What is energy efficient computing devices?
10. What is the commission on HR ?
11. What is CESCR ?
12. What is HR of children ?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Briefly explain various academic search techniques.

14. Discuss the role of social sciences in environmental studies.

15. Explain the features of LMS.

16. Explain cyber threats.

17. Explain Advantages of cyber law.

18. What are the steps taken by Government of India to control E-Waste?

19. What are the initiatives taken by India for Green computing?

20. Explain universality of HR.

21. Explain the right against life.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the features of any three academic web sites.

23. Explain impact of IT on language

24. Discuss the impact of E-Waste in living beings.

25. Explain about history of HR.

(2×15=30)

QP CODE: 21100314

21100314

Reg No : .....

Name : .....

BSc DEGREE (CBCS) EXAMINATION, FEBRUARY 2021

Fifth Semester

Core Course - CS5CRT14 - JAVA PROGRAMMING USING LINUX

B.Sc Computer Applications Model III Triple Main,B.Sc Computer Science Model III,B.Sc Information Technology Model III,Bachelor of Computer Application

2017 Admission Onwards

5ED14B91

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Differentiate between numeric literal and non numeric literal.
2. Differntiate between the operators = and ==
3. What is the use of this keyword?
4. What is constructor overloading?
5. What is a derived class?
6. Define a Package.
7. What is exception handling?
8. What is Deligation event model?
9. Write a short note on Jcheckbox.
10. Define a Layout Manager. List different Layout Managers.
11. Distinguish between init() and start() methods of an applet.
12. What are the JDBC API components?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Evaluate the milestoness describing Java programming language.
14. Write a Java program to print armstrong numbers between 100 and 1000.

15. How will you declare metnods in Java?

16. Discuss final class in detail with an example.

17. How do you create & initialize a one dimensional array in Java?

18. Explain the initialization method of two dimensional array.

19. Diffrentiate between the following (provide an example to each subsection)
    (a) JCheckBox and JRadioButton (b) Jlist and JComboBox

20. Write note on tag with an example.

21. Write an applet to draw a human face.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Analyse the use of branching statemets with examples.

23. With examples explain interfaces

24. Explain the life cycle of a thread? Write a Java program to implement thread priorities.

25. Explain jLabel and Jbutton with the help real world example

(2×15=30)