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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, NOVEMBER 2017

Seventh Semester

Branch—Information Technology

IT 010 701—FINANCIAL MANAGEMENT AND E-BANKING (IT)

(New Scheme—2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. What is the purpose of accounting ? How does financial accounting attempt to accomplish this purpose ?
2. Narrate the term "Marginal Costing" ?
3. Illustrate what you mean by a ledger with explanation.
4. Mention any *three* accounting concepts.
5. Name the different classification of cost.

(5 × 3 = 15 marks)

Part B

Answer all questions.

Each question carries 5 marks.

6. What is double entry system ? Narrate the accounting equation on the basis of double entry principle.
7. Briefly discuss the online service of E-Banking.
8. What do you mean by Trial Balance ? Narrate the functions of a Trial Balance.
9. Explain the features and benefits of "Financial Supply Chain".
10. Discuss the management issues in online banking.

(5 × 5 = 25 marks)

Turn over

Part C

Answer all questions.

Each full question carries 12 marks.

11. Define standard costing. Describe the procedure for fixing standard cost of product with which you are familiar.

Or

12. What is book-Keeping? Discuss the concept of double entry systems with its merits and limitations.
13. Narrate Cash flow statement. Explain the technique of preparing cash flow statement with imaginary figures.

Or

14. What is cost control? Distinguish between cost control and cost reduction.
15. What is Break even analysis? Discuss the assumptions, merits and limitations of Break Even Analysis.

Or

16. Explain the marketing issues of a modern bank for attracting customers and keeping customers.
17. From the following two balance sheets as on 2012 and 2013, you are asked to prepare :

1. Schedule of changes in working capital.
2. Fund flows statement.

Balance sheets

Liabilities	2013 (Rs)	2012 (Rs)	Assets	2013 (Rs)	2012 (Rs)
Share Capital	3,25,000	3,00,000	Land and Building	5,10,000	4,46,000
Profit and Loss account	1,70,000	1,00,000	Plant and Machinery	90,000	1,00,000
Debentures	1,50,000	2,00,000	Stock	1,10,000	80,000
Trade creditors	98,000	75,000	Debtors	30,000	46,000
Outstanding Creditors	2,000	5,000	Cash	5,000	8,000
Total	7,45,000	6,80,000	Total	7,45,000	6,80,000

Or

18. Explain the recent trends in e-banking. Also illustrate the home banking implementation approaches.

19. Define Ratio analysis. Discuss the merits and limitations of Ratio Analysis.

Or

20. The following is the trial balance of Mr Genuine as on March 2016 :

Purchases	:	2,20,000	
Stock as on 31 st March 2016	:	30,000	
Goods sent as Gratis	:	3,000	
Freight and Duty	:	12,000	
Sales			3,30,000
Debtors and Creditors	:	32,000	20,000
Drawings	:	8,000	
Interest on capital	:	2,000	
Advertisement	:	5,000	
Goodwill	:	10,000	
Travelling Allowance	:	300	
Bank Overdraft			3,250
Horses and cart	:	2,600	
Bills receivables and payable	:	1,200	2,100
Depreciation on furniture	:	150	
Interest on overdraft	:	200	
Furniture	:	5,500	
Office Expenses	:	1,500	
Plant and Machinery	:	61,900	
Capital			40,000
Total		3,95,350	3,95,350

The following further information is given below :

1. The closing stock is found undervalued by Rs. 2,000
2. Goods sent as Gratis to be recorded amounts to Rs. 500
3. Bad debts to be written off amounts to Rs. 2,000 and a provision of 5% are required for doubtful debts.
4. Closing stock includes goods of the cost of Rs. 3,000 bought on 29th March 2016, for which invoice is not received and hence, not recorded in the day book.
5. 10% of the profit is carried to general reserve.

(5 × 12 = 60 marks)

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Reg. No.....

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B.TECH. DEGREE EXAMINATION, NOVEMBER 2017

Seventh Semester

Branch : Information Technology

IT 010 704—INTERNETWORKING [IT]

(New Scheme—2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. What is the difference between a physical address and a logical address ?
2. Present an outline of Internet control message protocol.
3. How border gateway protocol conserves network bandwidth ?
4. Write a note on Ethernet multicast.
5. Present an outline of multipurpose internet mail extensions.

(5 × 3 = 15 marks)

Part B

Answer all questions.

Each question carries 5 marks.

6. Explain with an example how RARP will find a host's IP address from its physical address.
7. Name the seven layers in the ISO OSI reference model.
8. Outline the working of link-state routing protocol.
9. Write a note on internet group management protocol.
10. Present an outline of jitter and playback delay.

(5 × 5 = 25 marks)

Turn over

Part C*Answer all questions.**Each question carries 12 marks.*

11. What is classful addressing? Appraise with an example the Internet address classes and outline the problems with classful IP addressing.

(12 marks)

Or

12. What is an IP datagram? Explain with an example and relevant diagrams how IP datagrams are forwarded.

(12 marks)

13. (a) Appraise with an example how a Proxy ARP technique allows one network address to be shared between two physical nets.

(6 marks)

- (b) Explain with a diagram UDP encapsulation and protocol layering.

(6 marks)

Or

14. (a) Appraise the features the interface between application programs and the TCP/IP reliable delivery service can be characterized by.

(6 marks)

- (b) Explain with an example the working of TCP sliding window protocol.

(6 marks)

15. (a) Present an example of peer backbones interconnected through multiple routers and discuss the same.

(6 marks)

- (b) Suppose a router discovers it is about to route an IP datagram back over the same network interface on which the datagram arrived, what should it do? Why?

(6 marks)

Or

16. Explain with an example the working of routing information protocol.

(12 marks)

17. Write short notes on the following :

(a) A virtual private network with private address.

(6 marks)

(b) Network address translation.

(6 marks)

Or

18. What is DHCP? Explain with a diagram the main states of a DHCP client and transitions among them.

(12 marks)

19. (a) Explain with a diagram file transfer protocol process model.

(8 marks)

(b) Write short notes on trivial file transfer protocol.

(4 marks)

Or

20. (a) Write a note on post office protocol and Internet message access protocol.

(8 marks)

(b) Outline the characteristics of hypertext transfer protocol.

(4 marks)

[5 × 12 = 60 marks]