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2B3N24032

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Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BCOM/BCOM CA/ BBA Degree Examination, November 2024

BCM3A11/BCC3A11/ BBA3A11– Basic Numerical Methods

(2022 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART – A

Answer *all* questions.

Each question carries Two mark.

Ceiling -25 Marks

1. What is CAGR?
2. Define probability.
3. What do you mean by arithmetic progression
4. What is a quadratic equation?
5. Find the value of determinant $\begin{pmatrix} 7 & 2 \\ 4 & 5 \end{pmatrix}$
6. Find Geometric mean between 5 and 15.
7. What is Present value?
8. Find the effective rate of interest if interest is calculated at 8% quarterly.
9. What is the chance that a leap year selected at random will contain 53 Sundays ?
10. Find the 10th term of the series 9, 6, 4,
11. What is Idempotent matrix?
12. Find two numbers whose sum is 30 and difference is 4.
13. What do you mean by conditional probability?
14. Find out the EMI for ₹ 2 lakh for the tenure of 2 years if the rate of interest is 20% p.a.
15. A lot contains 10 items of which 3 are defective. Three items are chosen from the lot at random one after another without replacement. Find the probability that all the 3 are defective.

PART – B
Answer all questions.
Each question carries Five marks.
Ceiling -35 Marks

16. Solve $x^2 = x + 30$
17. How many three-digit numbers are divisible by 7?
18. Find the compound interest for ₹ 7,000 for 6 years if interest is payable half yearly at 5% p.a.
19. Briefly explain various basic probability rules.
20. $A = \begin{pmatrix} 2 & 3 & 1 \\ 0 & -1 & 5 \end{pmatrix}$ and $B = \begin{pmatrix} 1 & 2 & -1 \\ 0 & -1 & 3 \end{pmatrix}$ find $2A - 3B$
21. What is transpose of a matrix? What are its properties?
22. Find the number of years in which a sum of money will double itself at 25% p.a., simple interest.
23. A candidate is selected for interview for three posts. For the first post there are 3 candidates, for the second there are 4 and for third there are 2. What are chances to him getting at least one post ?

PART – C
Answer any two questions.
Each question carries Ten marks.

24. Solve the following equations and find three unknowns.

$$x + y - z = 4$$

$$x - 2y + 3z = -6$$

$$2x + 3y + z = 7$$

25. Find the inverse of $A = \begin{bmatrix} 2 & 3 & 4 \\ 4 & 3 & 1 \\ 1 & 2 & 4 \end{bmatrix}$ and verify that $A \times A^{-1} = I$

26. Find the three numbers in G.P whose sum is 14 and product is 64.
27. A bag contains 5 red and 3 black balls and the second one 4 red and 5 black balls. One of these is selected at random and a draw of 2 balls is made from it. What is the probability that one of them is red and the other black.

(2 x 10 = 20 Marks)

2B3N24033

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BCOM/BCOM CA/ BBA Degree Examination, November 2024

BCM3A12/BCC3A12/BBA3A12 – Professional Business Skills

(2022 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART A

Answer all questions

1. Distinguish between data warehouse and database.
2. What is IoT?
3. Expand SWAYAM.
4. What is the role of social media in Digital Marketing?
5. What are the benefits of e learning ?
6. How do e-magazines differ from traditional magazines?
7. What is G2B in e-governance?
8. What is digital divide?
9. What is Project Gyandoot?
10. Explain SEM in Digital Marketing.
11. What is SEO in e-marketing?
12. What is spam email?
13. What strategies can be employed to address cyber addiction?
14. State important payment models of Internet Advertising.
15. What is CPC in advertising?

(15 x 2 = 30, Maximum ceiling 25 marks)

PART B

Answer all questions

16. What constitutes hacking, and can you elucidate various categories of hacking?
17. Describe the data collection techniques utilized in the context of analyzing business data.
18. What are the principles of microlearning, and how can short, focused e-learning modules be used to reinforce learning and skill development in various contexts?

19. Briefly explain the presentation techniques used by professionals.
20. What are the foundational skills and knowledge areas that every aspiring data scientist should possess?
21. What is electronic waste (e-waste), and why is it a growing concern for the environment and human health?
22. What are the key characteristics of the "Government-to-Employee" (G2E) model of e-governance, and how does it enhance internal government operations and employee services?
23. What do augmented reality and virtual reality entail when applied to marketing?

(8x5 = 40, Maximum ceiling 35 marks)

PART C

Answer any two questions

24. What are the primary categories of social media ads, and how do they differ in terms of format and purpose? How the effectiveness of online advertisement measured?
25. What are the key aspects of professionalism in the business world?
26. What is information overload? What are the causes and solutions of Information overload?
27. What is e-governance? Explain the various e-governance initiatives of government and how they bring change in the traditional government functions.

(2 x 10 = 20 Marks)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BCOM/BCOM CA Degree Examination, November 2024

BCM3B03/BCC3B03 – Business Regulations

(2022 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

Part A**All questions can be attended**

1. Define a contract?
2. What is a quasi-contract?
3. What you mean by tender?
4. What is a champerty agreement?
5. Who is a minor?
6. How a contract of indemnity is different from contract of guarantee?
7. What is the difference between bailment and pledge?
8. Who is a substituted agent?
9. What is an agreement to sell?
10. What is doctrine of caveat emptor?
11. Who is an unpaid seller?
12. What you mean by unfair trade practice?
13. How a central consumer protection council is constituted?
14. What is statement of accounts and solvency?
15. Who is a designated partner?

(15 x 2 = 30, Maximum ceiling 25 marks)

Part B**All questions can be attended**

16. What are the different kinds of offer?
17. What are the rules relating to the contract with a minor?
18. Who are the persons disqualified to make contracts?
19. What are the exemptions to the rule “no consideration, no contract”?
20. How an agency gets terminated?
21. How a general lien is different from particular lien?
22. State the rules as to the delivery of goods
23. Write a note on consumer dispute redressal agencies

(8x5 = 40, Maximum ceiling 35 marks)

Part C

Answer any two questions

24. Discuss the situations in which consent for a contract is said not to be free.
25. Discuss different methods of creation of agency contract.
26. What are the implied conditions and warranties in a contract of sale?
27. Discuss salient features of LLP.

(2x10 = 20 Marks)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BCOM/BCOM CA Degree Examination, November 2024

BCM3B04/BCC3B04 – Corporate Accounting

(2022 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

Section A*Answer All Questions, Each carries 2 Marks*

1. How do you compare basic EPS with diluted EPS?
2. Write a note on segment reporting?
3. What is buy-back of shares?
4. What are free reserves?
5. What is CRR?
6. How will you treat interest on doubtful debts in final accounts of banks?
7. What is unexpired discount?
8. What is life insurance fund?
9. What is outstanding premium?
10. Define debentures?
11. Differentiate ordinary share from potential ordinary share?
12. Write down the treatment of minority interest in consolidate financial statements?
13. What are wholly owned subsidiaries?
14. What do you mean by bonus shares?
15. What is capitalisation of profits?

(15 x 2 = 30, Maximum ceiling 25 marks)

Section B*Answer All Questions. Each Carries 5 Marks*

16. Difference between bonus shares and right shares?
17. What is interim reporting? What are the major components of interim financial reports?
18. On 1st April, 2015 B Ltd. issued 12,000, 7% debentures of Rs. 100 each. The terms of issue stated that the debentures were to be redeemed at a premium of 10% on 31st March, 2020. The company decided to transfer out of profits Rs. 2,00,000 to debenture redemption reserve on 31st March 2019 and 1,00,000 on 31st March, 2020.
Pass the necessary journal entries at the time of redemption of debentures?

19. A Life Insurance Company get its valuation made once in every 3 years. Its life insurance fund on 31st December 2020, amounted to Rs. 31,87,000 before providing Rs. 27,000 for the shareholder's dividend for the year, 2020. Actuarial valuation on 31st December 2020 disclosed a net liability of Rs. 28,60,000 under insurance and annuity contracts. An interim bonus of Rs. 30,000 was paid to the policyholders during the period ending 31st December, 2020. You are required to show (a) Valuation balance sheet (b) net profit for the three-year period (c) distribution of the surplus

20. From the following information calculate the share of minority shareholders and holding company in the pre- and post-acquisition profits of subsidiary company.

Extracts of balance sheet of H Ltd and S Ltd as at 31st March, 2018

	H Ltd	S Ltd
Equity share capital	10,00,000	5,00,000
General reserve	3,00,000	6,48,000
Profit & Loss A/c	3,00,000	2,52,000
Investments in S Ltd	5,00,000	-

H Ltd acquired 30,000 equity shares in S Ltd on 01.07.2017. The credit balance of profit and loss account of S Ltd. as on 01.04.2017 was Rs. 2,00,000 and that of general reserve on that was Rs. 6,00,000

21. From the following information compute the amount of provision to be made in Profit & Loss account of a commercial bank:

Items	In lakhs
Standard assets	10,000
Sub-standard assets	6,400
Doubtful assets (Secured)	
For 1 Year	3,200
For 2 Year	1,800
For 3 Year	900
More than Years	1,100
Loss assets	3,000

22. X Ltd. decided to make a right issue to existing shareholders in proportion of 3 shares for every 4 shares held. Issue price per share is Rs. 150 and market price at the time of right issue is Rs. 200.

Calculate the value of right?

23. X Ltd. has 100 million, Rs. 10 shares in issue. It also has 2 million, Rs. 100 convertible bonds. The bonds have an interest rate of 8%. The tax rate is 25%. Each bond will be convertible into 10 shares. Earnings for the period were Rs. 600 million.

Calculate: (a) Basic EPS (b) Diluted EPS

(8 x 5 = 40Marks, Max ceiling 35 Marks)

Section C
Answer Any TWO Questions. Each Carries 10 Marks

24. H Ltd. acquired 80,000 shares of Rs. 10 each, in S Ltd. on 1-1-2019. The summarised balance sheet of H Ltd. on 30-06-2019 were:

Details	H Ltd	S Ltd
I. Equity & Liabilities:		
Share capital – Rs. 10 each	20,00,000	10,00,000
Reserves	1,00,000	1,50,000
P/L A/c	50,000	45,000
9% Debentures	-	2,00,000
Creditors	4,00,000	2,00,000
Bills payable	20,000	10,000
Total	25,70,000	16,05,000
II. Assets:		
Machinery	6,00,000	4,50,000
Furniture	20,000	40,000
Shares in S Ltd	8,80,000	-
9% Debentures in S Ltd	80,000	-
Stock	5,20,000	6,50,000
Debtors	1,80,000	2,70,000
Bills receivable	10,000	15,000
Cash	2,80,000	1,80,000
Total	25,70,000	16,05,000

Bills receivable of S Ltd include bills for Rs. 8,000 accepted by H Ltd. and Creditors of S Ltd include Rs. 20,000 due to H Ltd. An amount of Rs. 30,000 was transferred by S Ltd. from the current year's profits to reserves.

Prepare consolidated balance sheet as on 30th June, 2019.

25. From the following information prepare a balance sheet of National Bank Ltd. as on 31st March 2020.

Particulars	Debit	Credit
Current accounts	28,00,000	
Cash credits	8,12,10,000	
Cash in hand	1,60,15,000	
Cash with RBI	37,88,000	
Cash with other banks	1,55,87,000	
Money at call	2,10,12,000	
Gold	55,23,000	
Govt securities	1,10,17,000	

Premises	1,55,70,000	
Furniture	70,12,000	
Term loan	7,92,88,000	
Share capital		1,98,00,000
Statutory reserve		2,31,00,000
Net profit before appropriation		1,50,00,000
P&L A/c		4,12,00,000
Fixed deposit		5,17,00,000
Savings deposit		4,50,00,000
Current A/c		5,20,12,000
Bills payable		10,000
Borrowings from other banks		1,10,00,000

Additional information:

Bills for collection – 18,10,000

Advances and endorsement – 14,12,000

Claims against the bank not acknowledge as debt – 55,000

Depreciation charges:

Premises – 1,10,000

Furniture – 78,000

50% of the term loans are secured by Govt guarantees. 10% of cash credit is unsecured.

Also calculate cash reserves required and statutory reserves required.

26. The following balances was extracted from the books of the Indian Life Assurance Company Ltd. as at 31.3.2019

Items	Amount
Life assurance fund 1.4.2018	10,41,200
Claims paid	45,000
Claims outstanding 1.4.2018	6,000
Loan against mortgages	2,33,000
Loans against policies	1,00,000
Expenses of management	74,000
Investment fluctuation reserve	36,000
Premium deposits	12,000
Depreciation on fixed assets	1,000
Indian Govt securities with Reserve Bank	2,60,000
Other securities	5,50,000
Fixed assets	50,000
Sundry creditors	15,000
Interest and dividends	56,000

Outstanding premiums	44,000
Interest accrued	10,000
Sundry debtors	16,000
Income tax deducted on interest and dividends	6,000
Premium less re-assurance premium (commission thereon Rs. 6,000)	2,72,000
Cash and bank balances	49,200

Prepare final accounts after making the following adjustments:

- a) Claims outstanding as at 31.3.2019 – 9,000
- b) Claims recoverable from reinsurers – 4,000

27. Explain different methods of redemption of debentures?

(2 x 10 = 20 Marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BCOM/BCOM CA Degree Examination, November 2024

BCM3C03/BCC3C03 – Human Resource Management

(2022 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART A**All questions can be attended.****Each question carries 2 marks**

1. Define Human Resource Management.
2. What are the 4C's of HR policies?
3. What are the benefits of career planning?
4. Define job analysis.
5. Define recruitment.
6. What are the advantages of e-recruitment?
7. What is outsourcing?
8. Write any 3 features of the promotion policy?
9. What is off the job training?
10. Define performance appraisal?
11. What do you mean by work force diversity ?
12. What is social security?
13. What is strategic human resource management?
14. Write a short note on E-HRM.
15. Define grievance.

(15 x 2 = 30 , Maximum ceiling 25 marks)**PART B****All questions can be attended.****Each question carries 5 marks.**

16. Discuss the features of Human resource management.
17. What is the need and importance of employee health and safety?
18. What is induction? What are the objectives of induction?.
19. Differentiate between job specification and job description.
20. Explain types of manpower planning .
21. What are the advantages of training?
22. What are the causes of grievances?
23. Define industrial dispute. Briefly explain the causes of the industrial dispute?

(8x5 = 40, Maximum ceiling 35 marks)

PART C
Answer any two questions

24. What is the importance of performance appraisal? Explain various methods of performance appraisal.
25. Explain the Scope of Human Resource Management. What are the objectives of Human Resource management?
26. What are the techniques of job evaluation? Discuss methods of Job Evaluation.
27. What do you mean by HR audit? Explain contemporary issues in Human Resource Management.

(2x10 = 20 Marks)