

1B3N22031

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Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester BBA Degree Examination, November 2022

BBA3A11 – Basic Numerical Methods


(2019 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

Part A

Answer all questions.

1. What is a square matrix? 
2. Value of the determinant $A = \begin{bmatrix} 2 & 4 \\ 8 & 2 \end{bmatrix}$ is?
3. What is Skewness?
4. What do you mean by Harmonic Mean?
5. Find the sum of 10 terms of the AP 50, 46, 42...
6. $A = \begin{bmatrix} 3 & 1 \\ 0 & -1 \end{bmatrix}$; $B = \begin{bmatrix} 2 & -1 \\ 0 & 3 \end{bmatrix}$ Find $2A - 3B$
7. What is unit matrix?
8. Solve $3x + 8 = 17$
9. Find the interest earned on Rs.100 invested for two years at 10%, compounded semi annually.
10. Find the 10th term of GP 1, 3, 9, 27 ...
11. Define mean deviation?
12. Find out the EMI for 5 lakhs for 5 years @ 10% per annum.
13. What do you mean by 'Meso kurtic'?
14. Calculate the present value of Rs 5000 to be received after 5 years, if the interest rate is 9%
15. Determine the AP whose 3rd term is 5 and the 8th term is 9.

(15×2=30 Marks, maximum ceiling 25 marks)

Part B
Answer all Questions

16. Given that $A + B = \begin{bmatrix} 2 & 5 \\ 7 & 8 \end{bmatrix}$; $A - B = \begin{bmatrix} 6 & 8 \\ 4 & 3 \end{bmatrix}$ Find $2A$

17. Calculate median from the following data

Class	0-5	5-10	10-15	15-20	20-25
Frequency	5	10	15	12	8

18. Find two numbers whose sum is 18 and the product is 72
19. A man deposits a certain sum of money in to a bank. It amounts to Rs 12,325 in 8 years and amounts to 13,565 in 10 years. Find the sum invested.
20. Which term of AP 4, 9, 14, ... is 109.
21. Find the harmonic mean from the following data:

Size	6	10	14	18
F	20	40	30	10

22. $A = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 3 & 4 \\ -1 & 1 & 2 \end{bmatrix}$; $B = \begin{bmatrix} 0 & 2 & -1 \\ 1 & 3 & 4 \\ 0 & -2 & -3 \end{bmatrix}$ show that $AB \neq BA$

23. Why standard deviation considered being the best measure of dispersion?

(8×5=40, Maximum ceiling 35 Marks)

Part C
Answer any two questions

24. From the following data calculate Standard Deviation and Coefficient of Variation.

Marks	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10
No of students	8	10	16	9	7

25. Solve the following using matrix

$$3x + 2y + z = 0, \quad 2x - 3y + 3z = 2, \quad x + y + z = 3$$

26. Find the inverse of $A = \begin{bmatrix} 3 & 5 & 7 \\ 2 & -3 & 1 \\ 1 & 1 & 2 \end{bmatrix}$

27. The sum of three numbers in GP is 35 and their product is 1000. Find the numbers.

(2×10=20 Marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester BBA Degree Examination, November 2022
BBA3A12– Professional Business Skills
(2019 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART A
Answer all questions

1. How encryption helps to keep data secure?
2. What is the role of chatbots in digital marketing?
3. Give some examples of virtual assistants.
4. Define e-learning.
5. What is NPTEL?
6. What is verbal communication?
7. What is minutes in business communication?
8. Name any two Business Analytics tools.
9. Differentiate E-zines and Newsletters.
10. Who are gray hat hackers?
11. What is the difference between AR and VR?
12. What is asynchronous learning?
13. How is flipped classroom different from blended classroom?
14. What is google scholar?
15. What is cyber vandalism?

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

PART B
Answer all questions

16. "In a world where face masks and sanitizers are the new normal, India has adopted E-Learning trend" Explain.
17. Explain the benefits of Green Computing.
18. What is the role of data scientist in Business and Society?
19. What is the importance of SEO in digital marketing?
20. What are the characteristics of digital age learners?
21. Define cyber addiction. Bring out its symptoms.
22. . What are the various presentation postures?
23. Explain the four V's of Big Data.

(8 x 5 = 40, Maximum ceiling 35 marks)

PART C
Answer any two questions

24. What is email etiquette? What are the do's and don'ts of effective Email Communication?
25. What is E- content? State its features, forms and applications of e content packages? Also mention the phases of e content development.
26. Explain in details the issues and concerns related to information technology
27. Who is a data analyst? Explain the skills and responsibilities of a data analyst.

(2 x 10 = 20 Marks)

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Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester BBA Degree Examination, November 2022

BBA3C02 – Business Regulations

(2019 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

Part A

Answer all questions

1. What is a voidable contract?
2. Define consideration
3. State the various types of mistakes
4. What do you mean by breach of contract?
5. What is novation?
6. What is contingent contract?
7. Who are the parties to a contract of indemnity?
8. Define pledge
9. State any two modes of termination of agency contract?
10. Who is an unpaid seller?
11. Who is a complainant?
12. State the meaning of restrictive trade practices
13. State the components of Competition Act
14. What are the objectives of RTI Act?
15. State the meaning of Suo-Moto disclosure under RTI Act

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

PART B

Answer all questions

16. Discuss the nature of business law
17. Explain the exceptions to the rule of 'no consideration, no contract'
18. Distinguish between indemnity and guarantee
19. Explain the rules as to delivery of goods
20. Discuss the powers of Consumer Protection Council
21. Explain CCI and CAT
22. Discuss the method of seeking information under Right to Information Act
23. What are the essentials of valid acceptance?

(8x5 = 40, Maximum ceiling 35 marks)

PART C
Answer any two questions

24. Explain the provisions of Indian Contract Act relating to capacity of parties
25. Define bailment. Explain the duties of bailor and bailee
26. What are the implied conditions and warranties in a contract of sale?
27. Explain the features and objective of Competition Act

(2x10 = 20 Marks)

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Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester BBA Degree Examination, November 2022

BBA3B04 – Corporate Accounting

(2019 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART A

All questions can be attended

1. What is ratio analysis?
2. Explain the debt-equity ratio.
3. What is IFRS adoption?
4. Define the term liabilities.
5. What is the recognition of financial elements?
6. Define redeemable preference shares.
7. What is meant by cost of inventory?
8. What are depreciable assets ?
9. What do you mean by own debenture?
10. What are preliminary expenses?
11. Calculate the 'liquidity ratio' from the following information:
Current liabilities = Rs. 50,000 Current assets = Rs. 80,000 Inventories = Rs. 20,000
Advance tax = Rs. 5,000 Prepaid expenses = Rs. 5,000.
12. What do you mean by capital reserve?
13. Distinguish between interim dividend and final dividend.
14. Define contingent asset.
15. What do you mean by development cost?

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

PART B
All questions can be attended

16. State the common differences between IFRS and Indian Accounting Standards.

17. Mercury Ltd. uses a periodic inventory system. The following information relates to 2018-2019.

Date	Particular	Unit	Cost per unit	Total Cost
April	Inventory	200	10	2,000
May	Purchases	50	11	550
September	Purchases	400	12	4,800
February	Purchases	350	14	4,900
	Total	1,000		12,250

Physical inventory on 31.03.2019, 400 units. Calculate ending inventory value and cost of sales using the methods FIFO and Weighted Average.

18. A Ltd. had 10,000, 10% Redeemable Preference Shares of ₹ 100 each, fully paid up. The company decided to redeem these preference shares at par, by issuing of a sufficient number of equity shares of ₹ 10 each at a premium of ₹ 2 per share as fully paid up. You are required to pass necessary journal entries including cash transactions in the books of the company.
19. Current ratio 2.5, working capital Rs 90,000. Find out current assets and current liabilities.
20. What are the elements of the cost of inventories?
21. What are activity ratios ?
22. Describe the classification of accounting ratios.
23. Explain the importance of cash flow statements.

(8 x 5 = 40, Maximum ceiling 35 marks)

PART C
Answer any two questions

24. From the following information, Calculate:

- i) Gross profit ratio ii) Net profit ratio
iii) Operating ratio and iv) Operating profit ratio.

Trading profit and loss account of Electro Matrix Ltd for the year ended 31st March 2022.

Particulars	Amount	Particulars	Amount
Opening stock	100000	Sales	560000
Purchase	350000	Closing stock	100000
Wages	9000		
Gross profit c/d	201000		
	660000		660000
Administrative expenses	20000	Gross profit b/d	201000
Selling and distribution expenses	89000	Profit on sale of investment	18000
Non-operating expenses	30000		
Net Profit.	80000		
	219000		219000

25. Prepare the cash flow statement of M/s ABC Ltd. for the year ended 31st March 2018

with the help of the following information:

- (1) Company sold goods for cash only.
- (2) Sales ₹ 12,75,000.
- (3) Opening inventory was lesser than closing inventory by ₹ 35,000.
- (4) Wages paid during the year ₹ 4,92,500.
- (5) Office and selling expenses paid during the year ₹ 75,000.
- (6) Dividend paid during the year ₹ 30,000 (including dividend distribution tax.)
- (7) Bank loan repaid during the year ₹ 2,15,000 (included interest ₹ 15,000)
- (8) Trade payables on 31st March 2017 exceed the balance on 31st March 2018 by ₹ 25,000.
- (9) Amount paid to trade payables during the year ₹ 4,60,000.
- (10) Tax paid during the year amounts to ₹ 65,000 (Provision for taxation as on 31.03.2018 ₹ 45,000).

(11) Investments of ₹ 7,00,000 sold during the year at a profit of ₹ 20,000.

(12) Depreciation on fixed assets amounts to ₹ 85,000.

(13) Plant and machinery purchased on 15th November 2017 for ₹ 2,50,000.

(14) Cash and Cash Equivalents on 31st March 2017 ₹ 2,00,000.

(15) Cash and Cash Equivalents on 31st March 2018 ₹ 6,07,500.

26. Explain different methods of redeeming debentures.

27. Define accounting standards. What are the advantages and disadvantages of accounting standards?

(2 x 10 = 20Marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester BBA Degree Examination, November 2022
BBA3B05 – Financial Management
 (2019 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART A
Answer all questions

1. What do you understand by the term production cycle ?
2. What are the tools used for arriving at financing decisions ?
3. What is the significance of finance function ?
4. Write a note on cash cost approach to working capital estimation?
5. Which are the different forms of stable dividend policy ?
6. What is the significance of financial leverage ?
7. Which are the short term sources of finance ?
8. A Ltd has issued 5000 10% Debentures of Rs.100 each. If rate of inflation is 6%, what is real cost of debt ?
9. What are bonus shares ?
10. Which are the components of financial risk ?
11. Which are the different types of capital investment decisions ?
12. What is the IRR of an investment of Rs.2.5 Lakhs which yields cash flow after tax of Rs.45,000 p.a for 10 years ?
13. What is ARR ?
14. State the Importance of Cost of Capital
15. What are the roles of a financial manager ? (15 x 2 = 30 , Maximum ceiling 25 marks)

PART B
Answer all questions

16. What are the problems in determination of cost of capital ?
17. How components of an operating cycle is computed ?
18. Explain the scope and objectives of cash management
19. The data of two firms Chinnu and Minnu, having the same PV ratio is given. Comment on their operating risks.(information is in Rs.in Lakhs)

Particulars	Chinnu	Minnu
Sales	2	2
variable cost	1.2	1.2
fixed cost	0.3	0.5

20. Explain how the profitability and liquidity are affected by the amount of working capital in a business ?
21. How working capital can be classified ?
22. For a project the Initial investment is Rs. 20 lacs. Expected annual cash flows is Rs. 6 lacs for 10 years. Cost of Capital is @ 15%. Calculate Profitability Index
23. What is profit maximisation?

(8x5 = 40, Maximum ceiling 35 marks)

PART C

Answer any two questions

24. Elaborate on the factors influencing working capital in a firm
25. Calculate overall cost of capital, if Dhyam Ltd has the following data regarding capital structure

Source of funds	Amount(in Lakh)	After tax cost(%)
Debt	15	5
Preference shares	12	10
equity	18	12
General reserves	15	11

26. Explain the considerations in determining capital structure
27. From the following information, you are required to estimate the net working capital:

Cost per unit	(Rs.)
Raw Material	200
Direct Labour	100
Overheads (excluding depreciation)	250
Total Cost	550

Estimated data for the forthcoming period is given as under:

Raw material in stock average 6 weeks

Work-in-progress (assume 50% completion stage with full material consumption) average 2 weeks

Finished goods in stock average 4 weeks

Credit allowed by suppliers average 4 weeks

Credit allowed to debtors average 6 weeks

Cash at bank is expected to be Rs. 75,000

Selling price Rs. 800 per unit. Output 52,000 units per annum. Assume that production is sustained at an even pace during the 52 weeks of the year. All sales are on credit basis.

State any other assumptions that you might have made while computing

(2 x 10 = 20 Marks)