FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BVOC AUTO/BVQC SD Degree Examination, November 2021

GEC3FM08 - Financial and Management Accounting

(2020 Admission onwards)

Time: 2 ½ hours

Max. Marks: 80

PART-A
Answer *all* questions
Each question carries *two* marks
Ceiling- 25 marks

1. Define Accounting.

2. What is Dual Aspect concept?

3. List out any four examples of Nominal accounts.

4. What is 'Posting'?

5. What are Current Liabilities?

6. What are Intangible Assets?

7. What is Horizontal analysis?

8. What is Common Size financial Statements?

9. What is meant by Contra Entry?

10. Define Marginal costing.

11. What is P/V Ratio?

12. What is BEP?

13. What is Flexible Budget?

14. List out any two advantages of management accounting.

15. What is Material Cost Variance?

PART B

Answer *all* questions
Each question carries *five* marks
Ceiling- 35 marks

16. Differentiate between Single Entry system and Double Entry system.

17. Briefly explain any two Sub-divisions of journal

18. Discuss the limitations of management Accounting.

19. What are Labour Cost Variances? Discuss various reasons behind Labour Cost variances.

20. Journalise the following transactions.

    Dec.1, Ajith started business with Cash ₹40,000.

    Dec. 3, he paid in to Bank ₹ 3,000.

    Dec. 5, he purchased goods for cash ₹ 15,000.

    Dec. 9, sold goods for cash ₹ 6,000.

    Dec.11, he withdrew goods for personal use ₹ 2,000

    Dec. 17, he paid rent ₹ 3,500

21. From the following data relating to Profit and Loss Account for the year ended 31st December, 2019 and 2020, You are required to prepare Comparative income statement.

PROFIT AND LOSS ACCOUNT

Particulars	2019	2020	Particulars	2019	2020
To Cost of goods sold	6,000	7,500	By Net Sales	8,000	10,000
To Operating expenses:					
Administrative expenses	200	200			
Selling expenses	300	400			
To Net Profit	1,500	1,900			
	8,000	10,000		8,000	10.000

22. Calculate P/V Ratio, if; Sales   ₹ 5,00,000 from 10,000 units,

                        Variable cost   ₹ 25 per unit

                        Fixed cost   ₹ 1,00,000.

23. From the following data, Find out Material Cost variance.

Standard Output	600 units
Actual Output	500 units
Standard quantity per unit	1 kg.
Total Actual quantity used	600 kg.
Standard rate per unit	₹ 14 per kg.
Actual rate per unit	₹ 15 per kg.

PART C
Answer any *two* questions
Each question carries *ten* marks

24. Discuss in detail various tools of financial statements analysis.

25. What do you meant by standard costing? Discuss various steps in standard costing.

26. From the following information, Calculate-

    i)P/V Ratio   ii) Break-Even Point   iii)Margin of Safety

Total sales	₹ 3,00,000
Selling price (unit)	₹ 100
Variable cost	₹ 40
Fixed cost	₹ 90,000

27. From the following balances extracted from the books of ABC Ltd, Prepare Trading and Profit and Loss Account for the year ending 31st December, 2020.

Particulars	(₹)	Particulars	(₹)
Opening stock	1,250	Plant and Machinery	6,230
Sales	11,800	Return outwards	1,280
Depreciation	667	Cash in hand	895
Commission (Cr)	211	Salaries	750
Insurance	380	Debtors	1,905
Carriage inwards	300	Discount (Dr.)	328
Furniture	670	Bills receivable	2,730
Printing charges	481	Wages	1,589
Carriage outwards	200	Return inwards	1.659
Capital	9,228	Bank overdraft	4,000
Creditors	1,780	Purchases	8,679
Bills payable	541	Bad debts	180

The value of Closing stock on 31st December, 2020 was ₹ 3,700.

(2 x10 = 20Marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BVOC AUTO/BVOC SD Degree Examination, November 2021

GEC3ED09 - Entrepreneurship Development

(2020 Admission onwards)

Time: 2 ½ hours   Max. Marks: 80

PART – A
Answer *all* questions.
Each question carries Two mark.
Ceiling -25 Marks

1. Define Entrepreneurship.

2. Who is an intrapreneur?

3. List out the cultural factors affecting entrepreneurial growth.

4. Who is a Fabian entrepreneur?

5. What are the phases of EDP?

6. What do you mean by incentive?

7. Define MSME.

8. What is green channel?

9. What is bridge capital?

10. What is feasibility analysis?

11. What is technical analysis?

12. Write expansion of NIESBUD.

13. Give two objectives of project report.

14. What is ideal location?

15. What do you know about single window scheme?

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

16. What are the characteristics of an entrepreneur?

17. Explain the common entrepreneurial traits.

18. Define women entrepreneurship. Discuss the problems of women entrepreneurs in India?

19. Enumerate important objectives of MSME?

20. What are the services rendered by KITCO for the entrepreneurial development in Kerala?

21. Briefly explain criteria for selecting particular project.

22. Discuss the government regulations for project clearance.

23. What is the role of SIDBI in the financing of small industries?

PART - C

Answer any *two* questions.
Each question carries Ten marks.

24. Define entrepreneur. Explain factors affecting entrepreneurial growth.

25. Explain the various subsidies and incentives offered by Govt of Kerala.

26. Discuss general principles of a good reporting system. Briefly explain the contents of a project report.

27. Explain the procedure of setting up of a small-scale industrial unit.

2 x 10 = 20 Marks

1B3N21234   (Pages : 2)   Reg. No:...........................

Name: ....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BVOC SD Degree Examination, November 2021

SDC3IT09 – Basic Networking Concepts

(2020 Admission onwards)

Time: 2 ½ hours   Max. Marks: 80

PART – A
Answer *all* questions.
Each question carries **Two** mark.
Ceiling -25 Marks

1. Define multiplexing

2. What is FTAM ?

3. Differentiate between tree and star topology.

4. Define Digital Signature

5. Describe about Hub and Switch.

6. What is Cryptography?

7. Write a short note about OFC and mention its advantage?

8. What is HTTP and FTP?

9. What is VRC?

10. Explain about Aloha.

11. Write a short note on data link control.

12. What is Repeater ?

13. What is IEEE ethernet standards ?

14. Write a short note on NAT.

15. Describe about bridges and routers

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

16. Explain the different types of transmission media

17. Differentiate between OSI model and TCP/IP model.

18. What is congestion control?

19. What is DNS and explain its working ?

20. Explain Distance Vector Routing.

21. What are the types of messages in SNMP ?

22. Explain data compression

23. Explain encryption and decryption process

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

24. Explain different kinds of error detection techniques.

25. Explain about TCP and UDP, What are the differences between them?

26. Explain Dijkstra's algorithm with the help of an example

27. Explain the different layers of the OSI model.

2 x 10 = 20 Marks

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BVOC SD Degree Examination, November 2021

SDC3IT10 – Introduction to RDBMS and SQL

(2020 Admission onwards)

Time: 2 ½ hours   Max. Marks: 80

PART – A
Answer *all* questions.
Each question carries Two mark.
Ceiling -25 Marks

1. Define Database and Data Warehouse.
2. What are the Data Models and its Categories?
3. Explain DDL and DML.
4. What is a relation?
5. Define Primary key and foreign key.
6. Explain cartitian product with example.
7. What is Redundancy?
8. What is spurious tuples?
9. Explain constraints?
10. What is the use of distinct command?
11. Explain Transaction in DBMS.
12. Define Functional Dependency?
13. Define multivalued Dependency.
14. Explain Relational Data Model.
15. Define schema.

PART – B

Answer *all* questions.
Each question carries Five marks.
Ceiling -35 Marks

16. Define Data Independence. Also explain two types of Data Independence.

17. Write a short note about users of Database.

18. Explain three schema architecture.

19. What are the unary relational operations? Explain with example.

20. What is join operation? Also explain Right join, Left join and Full join with examples.

21. Consider

Primary Key {Ssn,Pnumber}

Non key { Hours, Plocation}

Now consider following functional dependency

{Ssn,Pnumber} ->Hours

Ssn->Ename

Pnumber ->Pname, Plocation.

Above Functional Dependency hold 1NF. Why? Convert it into 2NF.

22. Define ACID Property.

23. Explain states of Transaction in DBMS.

PART - C

Answer any *two* questions.
Each question carries Ten marks.

24. Explain advantages of DBMS over file system. Also explain limitations of DBMS.

25. What is Normalization? Also explain 1NF,2NF,3NF,BCNF,4NF and 5NF.

26. Create a table employee (empid, ename, salary, department, age). Insert some records.

    Write SQL queries and draw the output as table

    a) Display the relation.

    b) Display the total number of employees.

    c) Display the name and age of the oldest employee of each department.

    d) Add one more column name Adhaar.

    e) Display departments and their average salaries

    f) Display the lowest salary in employee table

    g) Display the employees whose age is between 25 and 30

    h) Finally Remove Tables and Database.

27. What are the concurrency control techniques?

2 x 10 = 20 Marks