



Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Corporate Finance
Subject Code : MBPC1004

Date : 10.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]
- Define finance function of a company. [CO1]
 - Outline role of finance manager in global context. [CO1]
 - Write down some examples of long term sources of finance. [CO1]
 - A person invests Rs.1, 00,000 today. How much amount he will after 5 years if rate of interest is 9 % per annum? (FVIF = 1.5386) [CO1]
 - What do you mean by capital budgeting? [CO2]

Section-B

2. Answer any two questions out of following [2 x 6= 12]
- Profit Maximization Vs. Wealth Maximization. As finance manager give your view. [CO1]
 - What do you mean by Time Value of Money? Give the reasons of time preference? [CO1]
 - A project requires the investment of Rs. 5, 00,000 and scrap value Rs. 20,000 after 5 years. It is expected to yield profits after depreciation and taxes during the five years amounting to Rs. 40,000, Rs. 60,000, Rs. 70,000, Rs. 50,000, Rs.20, 000. Calculate the Average Rate of Return (ARR) on the investment. [CO2]

Section-C

3. Answer any one out of following questions. [1 x 10= 10]
- Explain the various scope of financial management. [CO1]
 - There are two projects P & Q. Initial investment of the projects is Rs.7, 00,000. The cost of capital is 10%. The cash inflows for 5 years are :

Year	Project 'P'	Project 'Q'
1	Rs. 100,000	Rs. 500,000
2	Rs. 200, 000	Rs. 400,000
3	Rs. 300,000	Rs. 200,000
4	Rs. 450,000	Rs. 100,000
5	Rs. 600,000	Rs. 100,000

Determine NPV of above two projects and suggest which one to accept? [CO2]

Year	1	2	3	4	5
PVF @10%	.909	.826	.751	.683	.621

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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**Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Human Resource Management
Subject Code : MBPC1006**

**Date : 10.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30**

Section-A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) What is the importance of Human Resource Management in the present organizational context? [CO1]
 - b) What do you mean by talent acquisition? Is it different from recruitment? [CO1]
 - c) Why does HRP play an important role in recruitment? [CO3]
 - d) What do you mean by strategic HRM? [CO1]
 - e) Differentiate between Personnel Management Vs HRM. [CO1]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Discuss the functions of HRM. [CO1]
 - b) "Recruitment and Selection are two distinct but interrelated processes of human resource management." Comment [CO3]
 - c) What do you mean by job analysis? From the below mentioned job advertisement, identify job description and job specification:
The Marketing Executive is responsible for developing and implementing marketing strategies, the candidate must be a graduate in Marketing or Business Administration. He/she will conduct market research and analyze competitor activities. Minimum 2 years of experience in a marketing role is required. He/she will coordinate with the sales team and prepares weekly performance reports. He/she should have excellent communication and interpersonal skills. He/she will manage social media campaigns and digital marketing activities, attend client meetings and will represent the company at promotional events. He/she must be creative, self-motivated, and target-oriented and proficiency in MS Office and digital marketing tools is essential [CO1]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Explain the concept of Human Resource Planning. Outline the process of HRP [CO1]
 - b) Define Recruitment. Explain the sources and methods of recruitment. Discuss the advantages and limitations of internal and external recruitment with suitable examples. [CO3]

All the Best



Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Business Research
Subject Code : MBQT1002

Date : 11.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]
- Critically differentiate between *population* and *sample* in the context of research. Provide suitable examples. [CO1]
 - Define a **research hypothesis**. Clearly distinguish between the **Null Hypothesis (H₀)** and the **Alternative Hypothesis (H₁)** with appropriate examples. [CO1]
 - Compare **primary data** and **secondary data**. Also mention **two sources** for collecting each type of data. [CO2]
 - Define **level of significance** in the context of **hypothesis testing**. Explain its importance in statistical decision-making. [CO1]
 - Briefly differentiate between a **sample survey** and a **census survey** with suitable examples. [CO1]

Section-B

2. Answer any two questions out of following [2 x 6= 12]
- Discuss the **different levels of measurement scales** used in research. Explain their importance in **statistical analysis** with relevant examples. [CO2]
 - Critically evaluate the differences between **stratified sampling** and **cluster sampling** with suitable examples. [CO1]
 - The **mean weekly sales** of chocolate bars in candy stores was **146.3 bars per store**. After an **advertising campaign**, the mean weekly sales in **22 stores** increased to **153.7 bars**, with a **standard deviation of 17.2**. [CO2]
Test whether the **advertising campaign was successful** using a **5% level of significance**. The **tabulated t-value is 1.721**.

Section-C

3. Answer any one out of following questions. [1 x 10= 10]
- Define **research** in the context of **scientific inquiry**. Discuss the **different types of research** with appropriate examples. [CO2]
 - Explain the **various steps involved in the research process** with suitable illustrations. [CO2]



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR**

Semester : 2nd Sem. MBA

Batch : 2025-27

Subject : Cost and Management Accounting

Subject Code : MBPC1005

Date : 10.03.2026

Class Test : I

Duration : 1 Hr.

Full Marks : 30

Section- A

1. **Answer any four out of following questions.** **[4 x 2 = 8]**
- a) What is Management Accounting? [CO1]
- b) How do you calculate cost of production? [CO1]
- c) Define cost unit and cost centre. Give examples for each. [CO1]
- d) What do you understand by Job Costing? Explain with examples. [CO2]
- e) Describe the LIFO method of pricing the material issues from the store. [CO2]

Section-B

2. **Answer any two questions out of following** **[2 x 6= 12]**
- a) What is cost accounting? Discuss its important objectives in a business entity. [CO1]
- b) Distinguish between fixed cost and variable cost. With a suitable example explain how these costs do affect the price of the goods. [CO1]
- c) The following particulars have been extracted in respect of material 'X' for the month of January 2024.
- Jan. 1 Opening Stock – 100 units @ ₹ 8 per unit; Jan. 5 Received 200 units @ ₹ 6 per unit;
- Jan. 7 Issued 50 units; Jan. 12 Received 300 units @ ₹ 5 per unit; Jan. 20 Issued 150 units;
- Jan. 23 Received 250 units @ ₹ 4 per unit; Jan. 27 Received 150 units @ ₹ 2 per unit;
- Jan. 28 Issued 200 units; Jan. 31 Issued 250 units.
- Prepare a stores ledger for material 'X' under FIFO method. [CO2]

Section-C

3. **Answer any one out of following questions.** **[1 x 10= 10]**
- a) From the following information of a manufacturer, prepare a Cost Sheet showing different elements of total cost for the month ending February 2025.
- Raw Material Consumed: Rs. 25,500. Direct Wages: Rs. 13,300. Machine hours worked: 2400 Hours. Machine hour rate: Rs. 0.50. Office Overhead: 5% of works cost. Selling overhead: Rs. 0.10 per unit. Units Produced: 21,000 units. Units Sold: 19,000 units. Selling price per unit: Rs. 3. [CO1]
- b) Compare and contrast the different methods of costing and explain which type of industries follows them and why. [CO2]

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 2nd Sem. MBA

Batch : 2025-27

Subject : Management Information System

Subject Code : MBPC1009

Date : 11.03.2026

Class Test : I

Duration : 1 Hr.

Full Marks : 30

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]
- a) Define MIS. [CO1]
 - b) What are the different reports generated by MIS? [CO1]
 - c) Define an Audit Trail. [CO1]
 - d) What are the responsibilities of DBA? [CO1]
 - e) Differentiate between programmable and non-programmable decision. [CO1]

Section-B

2. Answer any two questions out of following [2 x 6= 12]
- a) What is a structured problem? How it is different from unstructured problems? Which information systems are more suitable for unstructured problems? [CO1]
 - b) State the main characteristics of a database. [CO1]
 - c) What is data warehouse and discuss its merits and demerits. [CO1]

Section-C

3. Answer any one out of following questions. [1 x 10= 10]
- a) Explain the need for MIS and their characteristics and structure. [CO1]
 - b) Define DSS. Compare and contrast different types of decisions taken in an organization at different levels. [CO1]

All the Best

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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**Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Business Analytics
Subject Code : MBPC1008**

**Date : 11.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30**

Section-A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) What is Prescriptive Analytics and how is it different from Predictive Analytics? [CO1]
 - b) How does Business Analytics improve customer experience? [CO1]
 - c) Who is a Business Analyst? Define a Business Analyst. [CO1]
 - d) Define the role of data visualization in managerial decision-making? [CO1]
 - e) Differentiate between Business Analytics and Business Analysis. [CO1]

Section-B

2. **Answer any two questions out of following** [2 x 6= 12]
- a) What do you understand by data cleaning? How poor data quality can impact business decision making. [CO1]
 - b) Discuss the importance of business analytics and mention its advantages and disadvantages. [CO1]
 - c) Explain the purpose of performance measurement system and how organizations need to define key performance indicators (KPI)? [CO1]

Section-C

3. **Answer any one out of following questions.** [1 x 10= 10]
- a) What is meant by Data? What are the sources of data that can be fetched? What are the methods of collecting data? Why is Data Warehousing needed? [CO1]
 - b) Why is Descriptive Analytics important to Businesses? What does Descriptive Analytics tell us? Explain different steps in Descriptive Analytics. [CO1]

All the Best

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Operations Management
Subject Code : MBPC1007

Date : 12.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30

Section-A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) Distinguish the operation in manufacturing and service industry? [CO1]
 - b) Define a production system with example. [CO1]
 - c) What are order winners characteristics of an organization? [CO1]
 - d) Write-down the objectives of time study. [CO1]
 - e) Why work measurement is important for industry? [CO1]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Discuss the responsibility of an operation manager in both manufacturing and service sectors. [CO2]
 - b) Briefly explain the different types of capacity and how organizations plan for capacity needs. [CO2]
 - c) An 8 hours work measurement study in a plant reveals the following: unit produced 320 nos., ideal Time= 15%, performance rating =120%, allowances =12 % of the normal time. Determine the standard time per unit produced. [CO2]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) In an Automobile assemble center, a job consists of four work elements and all are performed by the same operation. An analyst conducted work sampling to determine the standard time for the job given in table. The duration of the study is one shift with 420 minutes of effective time. The total number of acceptable units produced during the study period is 250 units. Calculate the standard time by assuming allowances of 12%. [CO2]

Work Elements	Frequency of Performance	Performance Rating
1	70	80%
2	80	120%
3	50	110%
4	60	100%

- b) Discuss the various factors affecting the capacity planning. Explain in details the capacity requirement planning. [CO2]

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR**

Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Strategic Management
Subject Code : MBPC1010

Date : 12.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30

Section- A

1. **Answer any four out of following questions.** **[4 x 2 = 8]**
- a) Define ETOP. [CO2]
 - b) What is the purpose of vision and mission statement in an organisation? [CO3]
 - c) How many levels of strategy are there? Name each level of strategy. [CO1]
 - d) Why do companies create Strategic Business Units (SBUs)? [CO3]
 - e) What do you understand by the term “stakeholders”? [CO1]

Section-B

2. **Answer any two questions out of following** **[2 x 6= 12]**
- a) Explain the concept of Strategic Advantage Profile (SAP). How does it help in internal environmental analysis? [CO2]
 - b) Examine the external micro and macro environmental factors affecting the e-commerce business in India. [CO1]
 - c) What is the meaning of objectives? What are the factors to be considered while setting objectives? [CO1]

Section-C

3. **Answer any one out of following questions.** **[1 x 10= 10]**
- a) Describe the Strategic Management Process and discuss how each stage in the process contributes to effective strategy formulation and implementation. [CO2]

b) Read the short case given below and answer the question that follows:

Prakriti Foods Ltd. is an Indian packaged organic food company operating mainly in metro cities. The company has built strong brand recognition among health-conscious consumers and enjoys customer loyalty due to its quality standards. It owns modern manufacturing facilities and maintains strict quality control processes. However, the company faces certain limitations. Its distribution network is restricted largely to urban markets, and it has limited financial resources for aggressive expansion. The marketing team is relatively small compared to competitors. The external environment presents both growth potential and challenges. Rising consumer awareness about healthy eating and increasing demand for organic products provide significant market opportunities. Government initiatives promoting sustainable agriculture further support the industry. At the same time, the company faces threats from multinational brands entering the organic segment with larger advertising budgets. Rising raw material prices and stricter food safety regulations are increasing operational costs. Changing consumer preference toward convenience foods is also intensifying competition. The top management has decided to conduct a SWOC analysis before finalizing its growth strategy.

Question: Based on the case, prepare a SWOC analysis for Prakriti Foods Ltd. Explain how the identified strengths, weaknesses, opportunities, and challenges can guide strategic decision-making. [CO2]

All the Best

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR**

**Semester : 2nd Sem. MBA
Batch : 2025-27
Subject : Int. to AI
Subject Code : MBPC1011**

**Date : 12.03.2026
Class Test : I
Duration : 1 Hr.
Full Marks : 30**

Section-A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) Is a Calculator AI? Why or Why Not? [CO1]
 - b) Can machine learning replace human intelligence? Why or why not? [CO1]
 - c) Why data quality is critical for building AI systems [CO1]
 - d) What is Unsupervised Learning and Its Types [CO1]
 - e) Explain any three adverse uses of AI in society [CO1]

Section-B

2. **Answer any two questions out of following** [2 x 6= 12]
- a) Differentiate between General Artificial Intelligence and Super Artificial Intelligence. [CO1]
 - b) Differentiate Between Machine Learning and Deep Learning. [CO1]
 - c) A bank manager is given a data set containing records of 1000s of applicants who have applied for a loan. How can AI help the manager understand which loans he can approve? Explain. [CO1]

Section-C

3. **Answer any one out of following questions.** [1 x 10= 10]
- a) Explain deep learning in simple terms. Differentiate Between Machine Learning and Deep Learning [CO1]
 - b) Explain the algorithm and how unsupervised learning uses the K-Means clustering algorithm. [CO1]

All the Best