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

**Semester : 6<sup>h</sup> Sem. IMBA  
Batch : 2023-28  
Subject : Research Methods  
Subject Code : 16IMN602**

**Date : 11.03.2026  
Special 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 Stratified Sampling Technique? [CO1]
  - b) Differentiate between Research Methods and Research Methodology. [CO1]
  - c) State the role of Hypothesis. [CO1]
  - d) Explain Extraneous Variable with an example. [CO1]
  - e) Write various sources of secondary data. [CO1]

**Section-B**

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Discuss different types of research. [CO1]
  - b) Explain the characteristics of hypothesis. [CO1]
  - c) Distinguish between Experimental and Non- experimental Hypothesis Testing Research. [CO1]

**Section-C**

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Define research design. Briefly discuss about hypothesis testing and descriptive research designs. [CO1]
  - b) What is research process? Explain the stages of research process. [CO1]

*All the Best*

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

**Semester : 6<sup>h</sup> Sem. IMBA**  
**Batch : 2023-28**  
**Subject : Operations Management-II**  
**Subject Code : 16IMN603**

**Date : 10.03.2026**  
**Special 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 are activities involved in Service operation? [CO1]
  - b) Define facility location with example. [CO1]
  - c) What do you mean by Centre of Gravity Method? [CO1]
  - d) Write-down the two application of Cellular manufacturing layout. [CO1]
  - e) Why Motion Study is important for industry? [CO1]

**Section-B**

2. Answer any two questions out of following [2 x 6= 12]
- a) Briefly explain the principle of location with reference to Steel manufacturing industry. [CO2]
  - b) An 8 hours' work measurement study in a plant reveals the following; unit produced is 320 nos., ideal time is 15 %, performance rating is 1205 and allowances is 12% of normal time. Calculate the standard time per unit produced. [CO2]
  - c) Pilot study showed percentage of occurrence of an activity as 50%. Determine the number of observations required for a work sampling study for 95% confidence level and relative error of  $\pm 2\%$ . [CO2]

**Section-C**

3. Answer any one out of following questions. [1 x 10= 10]
- a) In a steel plant a job consists of three 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 400 minutes of effective time. The total number of acceptable units produced during the study period is 150 units. Calculate the standard time by assuming allowances of 10%. CO2

| Work Elements | Frequency of Performance | Performance Rating |
|---------------|--------------------------|--------------------|
| 1             | 70                       | 80%                |
| 2             | 80                       | 120%               |
| 3             | 50                       | 110%               |

- b) What do you understand by facility location problem? Discuss in details the factor influencing the facility location. [CO2]

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

**Semester : 6<sup>h</sup> Sem. IMBA  
Batch : 2023-28  
Subject : Business Ethics  
Subject Code : 16IMN605**

**Date : 11.03.2026  
Special 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 ethics? [CO1]
  - b) What are the factors influencing behaviour? [CO1]
  - c) What is the need for business ethics? [CO1]
  - d) Mention two results derived from the concept being ethical? [CO1]
  - e) What do you mean by money Laundering? [CO1]

**Section-B**

2. **Answer any two questions out of following** [2 x 6= 12]
- a) Have you faced any ethical problems in your life? Explain with suitable examples. [CO2]
  - b) Discuss the relationship between ethics, facts, and values. [CO2]
  - c) Describe the three levels of moral development proposed by Kohlberg. [CO1]

**Section-C**

3. **Answer any one out of following questions.** [1 x 10= 10]
- a) Critically examine the importance of ethics for sustainable business growth. [CO2]
  - b) Explain the concept of business ethics and discuss its importance. [CO2]

*All the Best*

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**Semester : 6<sup>h</sup> Sem. IMBA  
Batch : 2023-28  
Subject : Human Resource Management-II  
Subject Code : 16IMN604**

**Date : 10.03.2026  
Special 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 Job Evaluation. [CO1]
  - b) Define Wage Differentials. Give one example. [CO1]
  - c) What are the main components of wage? [CO1]
  - d) Define Compensation. Mention the meaning of the 3Ps of compensation. [CO1]
  - e) What is Time Rate System (TRS)? [CO1]

**Section-B**

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Explain these methods of wage determination in India: [CO1]
    - Collective Bargaining
    - Industrial wage board System
  - b) Differentiate between Wage Differential and Wage Discrimination. Explain the types of wage differentials. [CO1]
  - c) What is broad banding? Discuss the advantages and disadvantages of broad banding. [CO2]

**Section-C**

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Discuss different types of Incentive Based Pay System and justify its importance in modern organizations. [CO2]
  - b) Write short notes on: [CO1]
    - Wage Differential vs Wage Discrimination
    - Components of Wage.



**Semester : 6<sup>h</sup> Sem. IMBA**  
**Batch : 2023-28**  
**Subject : Financial Management**  
**Subject Code : 16IMN601**

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

**Section-A**

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- Gordon's model suggests for 100% DP ratio when 1.  $K_e = r$ , 2.  $K_e > r$ , 3.  $K_e < r$  4.  $K_e = 0$  [CO1]
  - MM Model deals with relevance of dividend decision. Is this statement is true? [CO1]
  - Write a short note describing the Fixed Working Capital and Fluctuating Working Capital. [CO2]
  - Distinguish between Gross Working Capital and Net Working Capital. [CO2]
  - Operating Cycle is a technique of 1. Working Capital Management, 2. Receivable Management, 3. Inventory Management and 4. Creditors Management. [CO2]

**Section-B**

- 2. Answer any two questions out of following [2 x 6= 12]**
- What do you mean by Operating Cycle and explain it. [CO2]
  - Write a Short note Walter's Model of dividend decision. [CO1]
  - Explain various working capital financing policies. [CO2]

**Section-C**

- 3. Answer any one out of following questions. [1 x 10= 10]**
- ABC Limited has started a year ago with a paid-up equity capital of Rs.40, 00,000. The other details are as below: [CO1]  
 Earning of the Company – Rs. 4, 00,000  
 Dividend paid – Rs. 3, 20,000  
 Number of shares outstanding – 40,000  
 Price – Earnings Ratio – 12.5  
 (i) Find the Company's dividend payout ratio. Find the Market Price of a share at this payout ratio by using Walter's Model. (b) Is the company's dividend payout ratio is optimal as per Walter's Model? (c) What is the Market Price of a share of the company at the optimal dividend payout ratio as per Walter's Model?
  - What is working Capital, explain various factors that needs to take into consideration while estimating working capital requirements. [CO2 ]