



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

Semester : 1st Sem. IMBA
Batch : 2024-29
Subject : BUSINESS STATISTICS
Subject Code : 16IMN103

Date : 23.12.2024
Class Test – II
Duration : 1 Hr.
Full Marks : 30

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]

- a) Explain various essential characteristics of Dispersion. [CO2]
- b) Define Standard Deviation. Find the SD from 1 to 30. [CO2]
- c) What is Relative Measure of Dispersion? [CO2]
- d) Define the Nature of Skewness. [CO1]
- e) Find the range and its coefficient from 1 to 10. [CO2]

Section-B

2. Answer any two questions out of following [2 x 6= 12]

- a) The marks are given for particular subjects along with their cumulative frequencies. Find QD. [CO3]

Roll No:	1001	1002	1003	1004	1005	1006	1007	1008	1009
Marks	69	73	79	87	88	93	94	95	96

- b) From the following frequency distribution, find the Mean Deviation (MD) from the mean and its coefficient. [CO3]

X	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50
F	5	10	12	11	5	6	19	1	9	6

- c) Find the Standard Deviation (SD) from the following group of data by direct method. [CO3]

X	0.5-1.5	1.5-2.5	2.5-3.5	3.5-4.5	4.5-5.5	5.5-6.5	6.5-7.5	7.5-8.5	8.5-9.5
F	5	10	12	2	5	6	7	1	8

Section-C

3. Answer any one out of following questions. [1 x 10= 10]

- a) From the following frequency distribution, find out Karl Pearson's Skewness and its coefficient. [CO3]

Roll No:	1001	1002	1003	1004	1005	1006	1007	1008	1009
Marks	9	3	6	1	4	2	5	8	7

- b) Compute the First Four Moments about Mean for the following distribution and also calculate β_1 . [CO3]

X	1	2	3	4	5	6	7	8	9
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All the Best



BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR

Semester : 1st Sem. IMBA

Batch : 2024-29

Subject : English Language Communication

Subject Code : IMEV1001

Date : 23.12.2024

Class Test – II

Duration : 1 Hr.

Full Marks : 30

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]
- a. What is meant by coherence in a piece of writing? [CO4]
 - b. Would you mind _____ (open) the door for me? (Fill in the blank with the correct form of the bracketed verb.) [CO4]
 - c. In mid-air, the pilots didn't know what _____ (do). (Fill in the blank with the correct non-finite form of the verb given in brackets.) [CO4]
 - d. These are the people. Their words and actions never match. (Join the sentences, changing the second sentence into a Relative Clause.) [CO4]
 - e. Their intention was to get good jobs and then deceiving customers. (Edit the sentence for parallel structure.) [CO4]

Section-B

2. Answer any two questions out of following [2 x 6= 12]
- a. Briefly explain the six strategies/sub-skills of efficient reading. [CO3]
 - b. Show syllable division and mark stress in the following words. [CO3]
(i) compartment (ii) whatever (iii) communication (iv) academic (v) electricity
(vi) canteen
 - c. Write a short note on "Word Stress" in English. [CO3]

Section-C

3. Answer any one out of following questions. [1 x 10= 10]
- a. Discuss the important characteristics of effective speaking. [CO2]
 - b. Mark stress and tone in the following utterances. [CO2]
 - i) I need a purse for my friend.
 - ii) Shall we take a bus to the station?
 - iii) What a beautiful sunset!
 - iv) After she had her dinner, she went to bed.
 - v) Ask him to hang on a minute.

All the Best



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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**Semester : 1st Sem. IMBA
Batch : 2024-29
Subject : Business Organization
Subject Code : IMEV1002**

**Date : 23.12.2024
Class Test – II
Duration : 1 Hr.
Full Marks : 30**

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]
- a. Define Centralization. [CO2]
 - b. How does statutory corporation avoid Red Tapism? [CO2]
 - c. State the difference between Companies limited by Guarantee and Companies limited by Shares. [CO4]
 - d. What is a Joint Stock Company? [CO1]
 - e. Explain “One member, one vote” rule in Co-operatives. [CO1]

Section-B

2. Answer any two questions out of following [2 x 6= 12]
- a. Differentiate between Private and Public Company. [CO3]
 - b. Write a short note on Line and Staff Organization. [CO4]
 - c. State the pre-requisites of Dissolution of Partnership firms. [CO2]

Section-C

3. Answer any one out of following questions. [1 x 10= 10]
- a. Describe with diagrammatic Structure: [CO1]
 - a. Functional Configuration
 - b. Matrix Structure
 - b. Explain Statutory Corporation. State and explain the merits and demerits of Statutory Corporation. [CO2]

All the Best



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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**Semester : 1st Sem. IMBA
Batch : 2024-29
Subject : Fundamentals of IT
Subject Code : IMPC1002**

**Date : 24.12.2024
Class Test – II
Duration : 1 Hr.
Full Marks : 30**

Section- A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) What is importance of the System Development Lifecycle (SDLC)? [CO-2]
 - b) Explain the difference between traditional SDLC and alternate methods of system development. [CO-2]
 - c) What are the key advantages of using wireless networking in modern communication systems? [CO-3]
 - d) Define the term Digital Signature. [CO-3]
 - e) What are the key benefits of E-commerce in the modern business environment? [CO-4]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Define Dataflow Analysis in the context of system development. [CO-2]
 - b) What is a firewall and why is it important in network security? [CO-3]
 - c) Explain the different types of network topologies. Discuss their advantages and disadvantages. [CO-3]
 - d) Explain the concept of E-commerce and its various applications. [CO-4]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) What are the different types of attacks that can compromise network security? Differentiate between DOS and DDoS attack. [CO-3]
 - b) Explain the concept of M-Commerce (Mobile Commerce) and discuss its key services and applications. How has M-Commerce transformed the business environment, and what are its emerging trends? [CO-4]

All the Best



BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 1st Sem. IMBA
Batch : 2024-29
Subject : Basic Financial Accounting-I
Subject Code : IMPC1001

Date : 24.12.2024
Class Test – II
Duration : 1 Hr.
Full Marks : 30

Section- A

1. Answer any four out of following questions. [4 x 2 = 8]
- a. What is a ledger? [CO3]
 - b. What do you mean by subsidiary book? [CO3]
 - c. Define revenue expenditure? [CO4]
 - d. Explain capital expenditure? [CO4]
 - e. What is contra entry? [CO3]

Section-B

2. Answer any two questions out of following [2 x 6= 12]
- a. What is a Trial Balance? Explain the objectives and methods of preparing Trial Balance. [CO3]
 - b. Give classification of Assets with example. [CO4]
 - c. From the following details prepare the Trading account of M/s. Grover for the year ending 31.03. 2009 [CO4]

Items	Rs
Purchases	6,00,000
Wages	55,000
Return outwards	50,000
Carriage inwards	5,000
Fuel, gas and water	15,000
Sales	10,00,000
Return inwards	1,00,000
Opening stock	1,25,0000
Closing stock	75,000

Section-C

3. Answer any one out of following questions. [1 x 10= 10]
- a. Enter the following transactions in a Triple column cash book for the month of January 2022: [CO3]
 - Jan. 1: Opening balance cash Rs 3000
 - Opening balance bank Rs 4000
 - Jan. 4: Rent paid by cheque Rs 2000
 - Jan. 5: Paid into bank Rs 1000
 - Jan. 6: Received on account of cash sales Rs 3000
 - Jan. 8: Paid to Mathur Bros by cheque Rs 2000 and earned Rs 200 as cash discount
 - Jan. 10: Received from Subas by cheque Rs 2000 and allowed him Rs 100 as cash discount
 - Jan. 12: Cash sales Rs 20000
 - Jan. 20: Cash purchases Rs 15000
 - Jan. 31: Salary paid in cash Rs 5000
 - b. Explain in detail about final accounts with its components. [CO4]

All the Best