

Registration No.:

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Total Number of Pages: 02

Course: IMBA  
Sub\_Code: 16IMN103

1<sup>st</sup> Semester Regular/Back Examination: 2023-24  
SUBJECT BUSINESS STATISTICS  
BRANCH(S): IMBA  
Time: 3 Hour  
Max Marks: 100  
Q.Code: N549

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions:

(2 x 10)

- What are the secondary data?
- What are the different methods of collecting primary data?
- What are the advantages of graphs?
- What is the arithmetic mean of first  $n$  natural numbers, 1, 2, 3, ....  $n$ ?
- What relationship exist between AM, GM, and HM?
- Why calculation of mode from grouped data is usually better than from ungrouped data?
- What are the different measures of dispersion present?
- If mean and coefficient of variation of a set of data is 10 and 5, respectively, then what is the standard deviation?
- Three unbiased coins are tossed. What is the probability of getting two heads?
- Differentiate mutually exclusive and independent events.

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)

- The data on fuel consumption (in Km. per liter) for the automobile racing team's cars in recent races are as follows:  
14.77, 16.11, 16.11, 15.99, 16.01, 15.75, 14.89, 16.05, 15.22, 15.02  
Calculate the mean and median fuel consumption.
- What are the different types of diagrams to represent data? What are their uses?
- What are the objectives of tabulation?
- For the following data find the quartile deviation, inter quartile range and coefficient of quartile deviation.  

No. of accidents	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Frequency	5	12	32	27	11	9	4	3	1
- What are the advantages and applications of geometric means?
- What are the different classifications of data?
- From a bag containing 3 red and 2 black balls, 2 balls are drawn at random. Find the probability that they are of the same color.

- h) For a group of 50 male workers, the mean and standard deviation of their monthly wages are Rs. 6300 and Rs. 900 respectively. For a group of 40 female workers these are Rs. 5400 and Rs. 600 respectively. Find the standard deviation of monthly wages for combined of workers.
- i) When the use of median is considered more appropriate than mean?
- j) The day's sales figures (in Rs.) for last 15 days at an ice cream counter, arranged in ascending order of magnitude, are recorded as follows: 2000, 2000, 2500, 2500, 3500, 3500, 4000, 5200, 7000, 9000, 11500, 12300, 12500, 13000, 14000. Determine the range and coefficient of range.
- k) What are the different methods available to measure skewness?
- l) The probability that an applicant for a Management Accountant's job has a PG degree is 0.3, he has some professional work experience is 0.7 and he has both is 0.2. Out of 200 candidates, how many would have either a PG degree or some work experience?

### Part-III

#### Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3 Discuss the meaning and scope of statistics, bringing out its importance in business. What is its limitation? (16)
- Q4 Calculate the mean, median, and mode of the data from the following table (16)
- | Class     | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 |
|-----------|-------|-------|-------|-------|-------|-------|-------|
| Frequency | 3     | 61    | 132   | 153   | 140   | 51    | 2     |
- Q5 What do you understand by the terms skewness and kurtosis? Point out their role in analysing a frequency distribution. (16)
- Q6 A manufacturing firm produces steel pipes in three plants with daily production volumes of 500, 1000, and 2000 units respectively. According to past experience, it is known that fractions of defective products produced by three plants are respectively 0.005, 0.008, and 0.010. If a pipe is selected from a day's total production and found to be defective, find out (16)
- (a) From which plant the pipe comes?
- (b) What is the probability that it came from the first plant?

Registration No.:

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Total Number of Pages: 02

Course: IMBA  
Sub\_Code: 16IMN101

1<sup>st</sup> Semester Regular/Back Examination: 2023-24  
SUBJECT: ENGLISH LANGUAGE COMMUNICATION I  
BRANCH(S): IMBA  
Time: 3 Hours  
Max Marks: 100  
Q.Code : N477

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions:

(2 x 10)

- What do you mean by the "Grapevine" of an organization?
- How is Listening different from hearing?
- Why is "clear articulation" essential for an effective speech?
- Show syllable division in these words: (i) lamination; (ii) perambulates.
- What is a diphthong? Explain with an example.
- I am obliged to take care of my parents in their old age. (Replace the underlined part with the appropriate modal.)
- "Listen not only with your ears but also with your eyes". Explain.
- Give a phonetic transcription of the word, **about**, and mark stress.
- What is a precis?
- We \_\_\_\_\_ (play) badminton when the lights went out. (Fill in the blank with the correct form of the verb given in brackets.)

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)

- Describe how Active Listening is different from passive listening.
- Draw a diagram of the process of communication, and explain it.
- Why should a speaker consider the purpose of the speech and the audience profile while preparing a speech?
- Briefly describe any THREE of the 7 C's of effective communication.
- Mark stress and intonation in the following two sentences:
  - The Sahara is the largest desert in the world.
  - Are you coming to the party tonight?
- Write a paragraph of about 150 words on the topic, "Climate Change and its Effects".
- Fill in the following three blanks with the right tense form of the verb given in brackets:
  - Five hundred grams \_\_\_\_\_ (be) the smallest quantity they sell.
  - Our flight has been cancelled because it \_\_\_\_\_ (rain) incessantly since last night.
  - We \_\_\_\_\_ (reach) the temple much before the procession started.

- h) What is Haptics? What is its significance in communication?
- i) Use capital letters and punctuation marks, where necessary:  
Mahatma Gandhi once said the earth provides enough to satisfy everyone's need, but not for anyone's greed
- j) What is a minimal pair? Write the three minimal pairs which are present in the following list: (i) bill; (ii) life; (iii) fate; (iv) like; (v) bite; (vi) read; (vii) mill; (viii) Net; (ix) late.
- k) Give a brief account of any THREE important strategies for efficient reading.
- l) "Time and Tense are not the same". Explain with suitable examples from English.

### Part-III

#### Only Long Answer Type Questions (Answer Any Two out of Four)

- |    |   |      |
|----|---|------|
| Q3 | Discuss the different kinds of barriers to communication.   | (16) |
| Q4 | "Effective writing minimally requires clear organization and structuring of ideas, use of transitional devices, clarity of language, and stylistic variation". Elucidate. | (16) |
| Q5 | Describe the strategies you would adopt in order to be a good listener.   | (16) |
| Q6 | Give a brief account of formal and informal channels in an organization, mentioning their merits and demerits.  | (16) |

Registration No:

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Total Number of Pages: 02

Course: IMBA  
Sub\_Code: 16IMN102

1<sup>st</sup> Semester Regular/Back Examination: 2023-24

SUBJECT: Business Organization

BRANCH(S): IMBA

Time: 3 Hour

Max Marks: 100

Q.Code: N519

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions:

(2 x 10)

- What do you understand by Business Organization?
- What is the objective of doing Business?
- Mention the qualities of a successful Businessman.
- What do you understand by classification of Industries?
- Why Modern Business Environment is important to understand?
- What are the characteristics of Successful Business organization?
- Define sole trader.
- State the merits and demerits of sole trader.
- Define Joint Stock Company.
- What is Decentralization in an Organization?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)

(6 x 8)

- What are the steps involved in forming an organization? Elaborate.
- What is line and staff organization? Why it is important for the organization?
- The merits of company form of Business organization are more than the demerits of it. Comment.
- Business process is very important aspect to realize the goal to the reality. Elaborate.
- What are the environments of a Modern Business? Explain at least with one example.
- What are the different structures of the organization. State and explain.
- In our country we have both Private & Public companies. Mention and explain at least one about each category.
- Decentralization in organization structure is the need of the hours. Do you agree? Justify.
- What is a virtual organization? How it works? Share with one example.
- Delegation of authority and responsibility are the important factors for organization success. Comment.

- k) What are the principles while designing an organization structure? Is it important to follow the principles? Comment.
- l) What is Cooperative firm of organization you understand? Share at least one name of Co-operative form of organization and explain.

### **Part-III**

#### **Only Long Answer Type Questions (Answer Any Two out of Four)**

- Q3** What is partnership form of a business organization? Mention about the kinds of partners. Explain the advantages and disadvantages associated with it. **(16)**
- Q4** What is private and public company? Clearly elaborate the distinction between them. **(16)**
- Q5** For successful of a businessman, there are many essential qualities to be adopted and implemented. What are these qualities? Elaborate. **(16)**
- Q6** We find formal and Informal organizations in and around. How do you differentiate between this two. Are both required for the society & country? **(16)**



Registration No.:

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Total Number of Pages: 02

Course: IMBA  
Sub\_Code: 16IMN105

1<sup>st</sup> Semester Regular / Back Examination: 2023-24

SUBJECT: IT For Management

BRANCH(S): IMBA

Time: 3 Hour

Max Marks: 100

Q.Code: N616

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right-hand margin indicate marks.

**Part-I**

**Q1 Answer the following questions:**

**(2 x 10)**

- a) What are the responsibilities of Data Link Layer?
- b) Define Bandwidth and Latency.
- c) What is ASCII?
- d) What do you mean by Cache Memory?
- e) What is Relational Database?
- f) Differentiate between Software and Hardware with example.
- g) Explain the function of Virtual Memory.
- h) Convert the binary number 1010101000010111 to hexadecimal number.
- i) What is Intranet?
- j) Define Operating System.

**Part-II**

**Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)**

- a) What is OSI model? Explain The functions and protocols and services of each layer.
- b) Explain different types of Networks with example of each type.
- c) What is memory in a computer? Explain the different types of memory in computer system.
- d) Describe various types of Attacks.
- e) Explain the components of CPU and their functionality.
- f) Differentiate between Process and Thread.
- g) What do you mean by Cyber Law? Describe.
- h) Explain the evolution and classification of Programming Languages.
- i) Explain different types of a Database Languages.
- j) What is FTP? Explain with example.
- k) Differentiate between multi-processing and multi-tasking operating system.
- l) What is multi-threading? Explain with example.

### Part-III

#### Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3** Discuss various types of networks topologies in computer network. Also discuss various advantages and disadvantages of each topology. (16)
- Q4** Explain the components of CPU and their functionality. Also explain about the various memory types (RAM, ROM, Cache) (16)
- Q5** Briefly explain the different types of Data Models with examples. Also Explain different types of a Database Languages. (16)
- Q6** What is demand paging? Explain various page replacement techniques used in Virtual memory. (16)



Registration No.:

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Total Number of Pages: 03

Course: IMBA  
Sub\_Code: 16IMN104

1<sup>st</sup> Semester Regular/Back Examination: 2023-24  
SUBJECT: Basic Financial Accounting-I  
BRANCH(S): IMBA  
Time: 3 Hour  
Max Marks: 100  
Q.Code: N577

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right-hand margin indicate marks.

Part-I

Q1 Answer the following questions:

(2 x 10)

- a) Mention four advantages of accounting.
- b) State two examples of artificial personal account.
- c) What is accounting cycle?
- d) Outstanding expenses is which type of account
  - I. Real
  - II. Nominal
  - III. Representative personal
  - IV. Personal account
- e) State the meaning of Cost of goods sold.
- f) What is the meaning of Contra entry?
- g) Bad debt shows which balance: I. Debit II. Credit
- h) Define Depreciation with two examples.
- i) What is the objective of preparing trading account?
- j) Define Business entity concept.

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)

(6 x 8)

- a) State the meaning and types of accounting conventions.
- b) What is an accounting equation? Explain its mechanism with the help of two transactions.
- c) State the golden rules of accounting with different examples.
- d) Distinguish between transactions and events with examples.
- e) Briefly explain different types of Cash Book.
- f) Distinguish between capital & revenue items with examples.
- g) State the meaning with various advantages of preparing journal
- h) Define subsidiary book. Explain different types of subsidiary book.

- i) Journalise the following transactions in the books of Mahalaxmi Motors started by Mr. Rakesh Jha.

August 1 - Mr. Rakesh Jha opened a bank account in the name of business with a deposit of Rs. 45,000 cash.

August 2 - Purchased furniture for Rs. 10,000

August 5 - Purchased a computer for Rs. 24,000 and paid by cheque.

August 12 - Purchased office equipment on credit from Suzuki & Co. for Rs. 3,000.

August 28 - Paid Rs. 2,000 of the amounts owed to Suzuki & Co.

- j) What is the meaning of Trial balance? State the objectives of preparing trial balance with one proforma of it.
- k) Elaborate in details the marshalling of balance sheet.
- l) Distinguish between trading and profit & loss account.

### Part-III

#### Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3 Accounting is an information system. Explain the different users of accounting information with examples. (16)
- Q4 a) Methods of Depreciation (8)  
b) Rectifications of Error (8)
- Q5 a) Prepare the trial balance from below mentioned information available of M/s Rammohan Industries from the year ended 31.03.2022 (8)

Name of accounts	Amount
Capital	50,000
Debtors	1,000
Cash in Hand	20,000
Creditors	5,000
Purchases	30,000
Sales	1,00,000
Bills payable	2,500
Machinery	15,500
Loan	10,000
Bank balance	50,000

- b) **Journalize the following transactions** (8)
1. Started business with cash of Rs. 50,000
  2. Goods purchased worth Rs. 10,000
  3. Purchase of machinery worth Rs. 20,000
  4. Sale of goods made during the period 80,000
  5. Interest on capital Rs. 2,000
  6. Cash withdrawn for personal use Rs. 5,000
  7. Cash deposited in bank of Rs. 10,000
  8. Discount allowed of Rs. 250
  9. Goods distributed as free sample of Rs. 5000
  10. Sale of machinery worth Rs. 2,000

Q6

The following is trial balance of Pioneer Distilleries Ltd. Prepare the Trading and Profit & loss Account for the period ending 31st December 2005 and a Balance Sheet as on that date after considering the following adjustments.

(16)

Trial Balance

Sl.no	Accounts Title	L.F.	Debit Rs.	Credit Rs.
1.	Capital			20,000
2.	Cash in hand		8,600	
3.	Furniture		6,500	
4.	Sundry Debtors		10,800	
5	Stock on 1.1.2005		12,200	
6	Net Sales			48,000
7	Interest received			1,200
8	Sundry Creditors			6,700
9	Bank Overdraft			8,000
10	Discount on purchase			900
11	Wages		8,500	
12	Net Purchase		25,600	
13	Rent		2,800	
14	Trade expenses		1,600	
15	Administrative expenses		4,200	
16	Discount on sales		1,800	
17	Commission on surcharge		1,400	
18	Bank Charges		800	
	Total		84,800	84,800

## Adjustments:

- (i) Stock on 31.12. 2005 amounted to Rs. 10,400
- (ii) Wages outstanding Rs. 650
- (iii) Rent paid in advance Rs. 300
- (iv) Provide for depreciation on furniture at 5% p.a.
- (v) Provide interest on capital at 10% p.a.

