

Subject : Data Analysis for Management

Day : Friday
Date : 06/06/2014

S.D.E.

Time : 02.00 P.M. TO 05.00 P.M.
Max Marks : 70 Total Pages : 1

N.B.:

- 1) Attempt any **THREE** questions from Section-I and any **TWO** questions from Section-II.
- 2) Both the sections should be written in the **SAME** answer book.
- 3) Figures to the **RIGHT** indicate full marks.

SECTION-I

- Q.1 What is Data Management? Discuss in detail. (14)
- Q.2 Compare and differentiate between primary data and secondary data. (14)
- Q.3 Discuss the concept of Skewness (from descriptive statistics) in detail. (14)
- Q.4 Explain Poisson distribution in detail. (14)
- Q.5 Write short notes on any **TWO** of the following: (14)
- a) Observational study
 - b) Sample survey
 - c) Concept of probability

SECTION-II

- Q.6 What is summarization of data? Illustrate various techniques for summarization of data in detail. (14)
- Q.7 Explain the representation of data using following graphs and charts along with appropriate examples: (14)
- a) Pie chart
 - b) Frequency polygon
- Q.8 What is Time-Series Analysis? Illustrate in detail along with an appropriate example. (14)

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Subject : Business Accounting

Day : Thursday
Date : 05/06/2014

S.D.E.



19164

Time : 02.00 P.M. TO 05.00 P.M.
Max Marks : 70 Total Pages : 2

N.B.:

- 1) Attempt **ANY THREE** questions from Section - I and attempt **ANY TWO** questions from Section - II.
- 2) Answers to both the sections should be written in the **SAME** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION - I

- Q.1 Write a note following Accounting Conventions: [14]
 a) Convention of Conservation
 b) Convention of Consistency
- Q.2 Explain the scope and functions of Management Accounting. [14]
- Q.3 Explain the usefulness of Marginal Costing in decision making. [14]
- Q.4 Write any two methods of Accounting for Depreciation. [14]
- Q.5 Write short notes on **ANY TWO** of the following: [14]
 a) Accounting Standards
 b) Cash Budget
 c) Process Costing

SECTION - II

- Q.6 Pass the journal entries of following transactions in the books of Supriya for April 2013: [14]

Date	Particulars
1.	Purchased goods worth Rs. 8,00,000 from Pritam Ltd., at 2% trade discount.
2.	Borrowed from Rohit Rs. 5,00,000.
3.	Paid for Carriage Rs. 2,000.
5.	Sold goods to Raghav worth Rs. 12,00,000 from Amar Ltd.
6.	Received rent Rs. 18,000.
7.	Sold old Machinery for Rs. 2,00,000.
8.	Withdrawn cash for personal use Rs. 2,500.

P.T.O.

- Q.7** The following information is available of Anushka Ltd., for two products M and N. [14]

Particulars	Product M (Rs.)	Product N (Rs.)
Selling price per unit	20	150
Marginal cost per unit	16	130
Estimated sales for the period	20,000	10,000
Fixed cost	60,000	1,50,000

You are required to calculate for products M and N:

- P/v Ratio
 - Profit
 - Break even point
 - Profit if 25,000 units sold of product M
- Q.8** Write a detailed note on Ratio analysis and Funds Flow Analysis. [14]

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19164

Subject : Analysis & Design of Information Systems

[14]

Day : Wednesday

Date : 04/06/2014

S.D.E.

19163

Time : 02.00 P.M. TO 05.00 P.M.

Max Marks : 70 Total Pages : 2

N.B.

- 1) Solve any **THREE** questions from Section –I and any **TWO** questions from Section – II.
- 2) Figure to the right indicates **FULL** mark.
- 3) Answers to both the sections should be written in the **SAME** answer book.

SECTION – I

Q.1 What are characteristics of System? Draw SDLC (System Development Life Cycle) and explain each step. (14)

Q.2 What is Requirement determination? Explain what are activities in Requirement determination? (14)

Q.3 Write short note on: (14)

- a) Decision Concepts
- b) Types of forms

Q.4 What is input design? Discuss input data, input media and devices, online data entry. (14)

Q.5 Why system testing is required? What do we test for? (14)

SECTION – II

Q.6 A systems analyst collects the following information about a project she is working on for an auction house. To assist her, draw context and level 0 data flow diagrams. (14)

The auction house has selling customers, who want to put up an item for sale, and buying customers, who buy an item at an auction. Selling customers ask the auction house to sell an item on their behalf. The auction house decides whether to accept the request and maintains a record for all accepted requests. Buying customers register with the auction house and participate in auctions. Auctions are conducted by giving buying customers information about an item, then taking bids. The auction determines a buying customer for each item put up for sale. The sale is completed when the buying customer pays for the item. The auction house sends a portion of the sale income to the selling customer who put up the item for sale in the first place. Of course, the auction house keeps track of all auctions (which are conducted every few weeks) and all sales at each auction.

P.T.O.

- Q.7 Here is the relational database schema proposed by a database designer who is creating a database that keeps information about product orders for a small auto parts company: (14)

Order (order #)	Date	Customer ID	Last Name	First Name	Province	Amount	Tax Rate
239	23/3/99	1135	Black	Conrad	Ont	\$138.56	0.08
260	12/9/99	1135	Black	Conrad	Ont	\$82.03	0.08
297	30/4/2000	1577	Wong	Harry	Que	\$75.21	0.07

Product Ordered (Order #)	Product #	Product Description	Quantity	Price
239	555	Nut	35	\$1.02
239	444	Bolt	35	\$2.17
297	444	Bolt	25	\$2.17

Unfortunately, this database is not in 2NF because of the following functional dependencies:

Customer ID → Last Name, First Name, Province, Tax Rate

Province → Tax Rate

Product # → Product Description, Price

Place this schema first in 2NF and then in 3NF.

- Q.8 a) Explain in detail different types of file organizations. (07)
- b) What are criteria for software selection? Explain in detail. (07)

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Subject : Visual Programming & Multimedia Management

Day : Tuesday

Date : 03/06/2014

S.D.E.

19162

Time : 02.00 P.M. TO 05.00 P.M.

Max Marks : 70 Total Pages : 1

N.B. :

- 1) Attempt **ANY THREE** questions from **Section-I** and **ANY TWO** questions from **Section-II**.
- 2) Answers to both the sections should be written in the **SAME** answer book.
- 3) Assume the appropriate information if required.
- 4) Figures to the right indicate **FULL** marks.

SECTION-I

- Q.1** a) Explain the control statements in Visual Basic with syntax, working and examples. (10)
 b) Write note on OLE container. (04)
- Q.2** List and explain various functions with examples in Visual Programming. (14)
- Q.3** Explain the terms : (14)
 i) Report writing ii) Error Handling
- Q.4** What is Menu? Explain the steps to create Menu, Sub Menu and the related options with example. (14)
- Q.5** Write Short notes on **ANY TWO** of the following (14)
 a) Event driven programming
 b) Data Grid Control
 c) Input box and Message box

SECTION-II

- Q.6** Develop the database structures and design the Input Forms (Minimum 4) for Library Management System and perform the following : (14)
 i) To register students Information
 ii) To issue book
 iii) To return book
 iv) To register book information
- Q.7** Develop VB application to read 10 numbers and perform the following : (14)
 i) Display numbers in ascending order
 ii) Display sum and average of numbers
 iii) Display all odd numbers
 iv) Display maximum and minimum number.
- Q.8** To advertise, purchase, sales and to maintain inventory of four wheeler models of automobile company, design the menu, sub menu and develop various interfaces to perform above said business activities and write the steps in visual basic to create menu. (14)

Subject : Visual Programming & Multimedia Management

Day : Tuesday

Date : 03/06/2014

S.D.E.

19162

Time : 02.00 P.M. TO 05.00 P.M.

Max Marks : 70 Total Pages : 1

N.B. :

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- Q.8 To advertise, purchase, sales and to maintain inventory of four wheeler models of automobile company, design the menu, sub menu and develop various interfaces to perform above said business activities and write the steps in visual basic to create menu. (14)

Subject : Internet Programming for Business Applications

Day : Monday

Date : 02/06/2014

S.D.E.



Time : 02.00 P.M. TO 05.00 P.M.

Max Marks : 70 Total Pages : 1

N.B.:

- 1) Attempt any **THREE** questions from Section -I and any **TWO** questions from Section -II.
- 2) Each question carries **14** marks.
- 3) Answers to both the sections should be written in **SAME** answer book.

SECTION-I

- Q.1 What is Style Sheet? Explain font, back ground and text style options in detail.
- Q.2 Explain basic and text formatting tags with examples.
- Q.3 What is VB script? Explain web browser object model.
- Q.4 What is DTD? Discuss the use of DTD in XML with example.
- Q.5 Explain connectivity of JAVA-XML with example.

SECTION-II

- Q.6 Write code for creating following external style sheet and use it in html. .
 - i) Set hyperlink without underline
 - ii) Text having 18 font-size, italic and underline
 - iii) Set right margin 20 pixels.
 - iv) Text should be green.
- Q.7 Create a form to accept following information and give proper validations using java script.
firstname, lastname, Emailid, middleno, password (minimum least 8 characters long) and submit and cancel buttons.
- Q.8 Write short notes on any **TWO**:
 - a) Span and Div
 - b) W3C
 - c) Types of List

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