

# **J.S.University**

## **Assignment For Diploma Engineering CS 5<sup>th</sup> Sem.**

The Assignment will consist of two parts, A and B. Part A will have 5 short answer questions(40-60 words) of 4 marks each. Part B will have 2 long answer questions of 10 marks each

### **All questions are compulsory.**

These Assignments should be completed and submitted in written form by the student to his/her respective Faculty/Examiner. Assignment Submission Dates are:



### **List Of Suggested Questions**

The list of suggested questions are for students to practice. Although optional, we recommend that students solve these questions, as they will help them in preparing for exams as well as in clearing the important concepts of the subject.

### **List of Practicals and suggested practicals**

The list of practical's should be done by the students in their Lab Sessions. These are the basic practical's, which each student should be able to do himself independently. While the list of suggested practicals are optional, but it is recommended that students should perform those practical so as to have a thorough knowledge of the subject

### **Education Delivery Schedule (EDS)**

As per University Semester scheme, the minimum contact hours of each paper has been Divided into two hours theory and practical class.

The faculty will maintain this attendance paper wise for his/her batch.

# **J.S. UNIVERSITY**

## **Cover page of Assignment**

ID NUMBER .....

NAME .....

COURSE DIPLOMA ENGG.....

STREAM CS.....

SEMESTER .....

SUBJECT CODE .....

SUBJECT NAME .....

**Assignments will be completed by the Student in his/her own handwriting.**

<b>Subject Code</b>	<b>Subject Name</b>
<b>DIM-51</b>	<b>Industrial Management &amp; Entrepreneurship Development</b>
<b>DCS-51</b>	<b>Data Structure using C</b>
<b>DCS-52</b>	<b>RDBMS</b>
<b>DCS-53</b>	<b>Java Programming</b>
<b>DCS-54</b>	<b>E-Commerce &amp; ERP</b>

## **DIM-51**

### **Industrial Management & Entrepreneurship Development**

#### **PART-A**

Ques-1 Explain the term monopoly.

Ques-2 what do you mean by environmental consideration.

Ques-3 Define the term entrepreneur and describe the function of it.

Ques-4 Explain the term market survey.

Ques-5 Explain salient features of public company.

#### **PART-B**

Ques-1 What are various systems of inventory management.

Ques-2 Describe the problem of entrepreneurship development.

## **DCS-51**

### **Data Structure using C**

#### **PART-A**

Q1: Define Stack and queue data structure.

Q2: Explain the list representation technique.

Q3: Explain the Dynamic storage allocation technique.

Q4: Explain Depth first search.

Q5: what do you mean by binary tree. explain with example.

#### **PART- B**

Q1: Explain Bubble Sort with an example. Write a program in C for bubble sorting.

Q2: Explain insertion sort with an example. Write a program in C for insertion sorting.

## **DCS-52**

### **RDBMS**

#### **PART-A**

1. What are the Benefits Database Management System.

2. Define data model and classify data model.

3. What is Codd's 12 ? explain

4. Explain all Three views of Data (External View, Conceptual View, Internal View).

5. What are the Three level architecture of DBMS

#### **Part B**

- 1.What is Multiversion Concurrency control techniques and Database Security ? explain
- 2.Describe Constraints (Domain, Tuple Uniqueness, Key Constraints, Integrity Constraints, Entity constraints).

### **DCS-53**

#### **Java Programming**

##### **PART-A**

- 1.Explain the Data Type and its working ?
- 2.What are Control statements: Integer,floating point type and character
- 3.What are iteration and jump statement?
- 4.What are The JAVA thread model and thread priority?
- 5.Explain the Object Oriented Programming?

##### **PART B**

- 1.What are byte streams & character streams?
- 2.Write the short note on applet fundamentals and applet class.

### **DCS-54**

#### **E-Commerce&ERP**

##### **PART-A**

- 1.What are the Advantages and Disadvantages of E- commerce?
- 2.What are the Relationship Between E-Commerce and Networking?
- 3.What are the Different Types of Networking For Ecommerce?
- 4.Explain the Model based on transaction and its Type?
- 5.Describe the Methods for developing E-commerce?

##### **PART- B**

- 1.Write the short note on SUPPLY CHAIN MANAGEMENT?
- 2.What are the Internet's effect on Supply Chain Power?



