

Subject : Business Environment

Day : Friday
Date : 06/06/2014

S.D.E. 
18966

Time : 10.00 AM TO 1.00 PM
Max Marks : 80 Total Pages : 1

N.B:

- 1) Attempt **ANY THREE** questions from Section-I.
- 2) Attempt **ANY TWO** questions from Section-II.
- 3) Answers to both sections should be written in the **SAME** answer book.
- 4) All questions carry **EQUAL** marks.

SECTION-I

- Q.1 Write a detailed note on WTO (World Trade Organisation).
- Q.2 What is environmental analysis? Discuss its significance to business activities.
- Q.3 "The present economic environment is not favorable to business". Do you agree? Justify your answer.
- Q.4 What is meant by business environment? Explain how external environmental factors influence business.
- Q.5 Write short notes on **ANY TWO** of the following:
- a) Trade policy
 - b) World Bank
 - c) IMF(International Monetary Fund)
 - d) Micro environment

SECTION-II

- Q.6 Explain in detail how the weakened rupee influenced the Indian economy.
- Q.7 What is meant by Liberalization, Privatisation and Globalisation? Discuss the effects of globalisation on Indian business.
- Q.8 Discuss with suitable examples how political stability and efficiency in government functioning affects the business environment.

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Subject : Digital Computer Design & Computer Organization

Day : Monday
Date : 02/06/2014



Time : 10.00 AM TO 1.00 PM
Max Marks : 80 Total Pages : 1

N.B.:

- 1) Answer any **FIVE** questions from **SECTION-I**. Each carries 10 marks.
- 2) Answer any **TWO** questions from **SECTION-II**. Each carries 15 marks.
- 3) Answer all questions in the **SAME** answer books.

SECTION-I

- Q.1 Discuss the instructions cycle with the help of flowchart.
- Q.2 Explain in detail instruction set.
- Q.3 Explain assembler and compiler.
- Q.4 What is interrupt? Explain input and output interrupt.
- Q.5 Explain different micro operations.
- Q.6 Discuss complement functions in detail.
- Q.7 Write a note on any **TWO**.
- a) NAND gate
 - b) ALU
 - c) Sequential circuit

SECTION-II

- Q. 8 Explain the functioning of 4 - bit synchronous binary counter with the help of circuit diagram.
- Q. 9 Simplify Following equations using Boolean algebra
- a) $A B + A (C D + C D')$
 - b) $A' B + A B C' + A B C$
- Q. 10 a) What is shift register? Discuss bi-directional shift register with parallel load. (10)
- b) Describe the structure of assembly language programming. (5)

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Subject : System Analysis & Design

Day : Tuesday

Date : 03/06/2014

S.D.E.



18963

Time : 10.00 AM TO 1.00 PM

Max Marks : 80 Total Pages : 1

N.B.

- 1) Answer all questions in the **SAME** answer book.
- 2) Attempt any **FIVE** questions from section -I
- 3) Attempt any **TWO** questions from section -II
- 4) Figures to the right indicate **FULL** marks.
- 5) Make your own assumptions wherever you require.

SECTION – I

- | | | |
|-----|---|------|
| Q.1 | What is system? Explain its characteristics. | (10) |
| Q.2 | Explain different phases of System Development Life Cycle(SDLC) | (10) |
| Q.3 | Discuss the role of system analyst in details. | (10) |
| Q.4 | What is functional decomposition diagram? Explain with suitable example | (10) |
| Q.5 | What is user interface design? Explain with suitable example | (10) |
| Q.6 | Explain Structured flowchart in details | (10) |
| Q.7 | Write Short note on (ANY TWO) | (10) |
| | a) 4GL | |
| | b) DSS | |
| | c) Pseudocode | |

SECTION – II

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|------|--|------|
| Q.8 | Draw Entity Relationship Diagram(ERD) for Hotel Management Billing System | (15) |
| Q.9 | Draw context level and first level data flow diagram (DFD) for bank saving account system. | (15) |
| Q.10 | Explain following terms with suitable example | (15) |
| | a. Questionnaire | |
| | b. Interview Techniques | |

Subject : C-Programming & Data Structures

Day : Wednesday
Date : 04/06/2014



Time : 10.00 AM TO 1.00 PM
Max Marks : 80 Total Pages : 1

N. B. :

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

SECTION - I

- Q. 1** a) Briefly explain any four basic data types in C language. (05)
b) What is purpose of additional data types in C language? (05)
- Q. 2** Explain various decision making statements available in C language with example. (10)
- Q. 3** Write a program to find sum of odd and even numbers in given list of value. (10)
- Q. 4** What is array? Explain various types of array with neat diagram. (10)
- Q. 5** Difference between the following: (10)
a) Structures and union
b) Standard I/O functions and unformatted I/O functions
- Q. 6** What is ADT? Discuss stack as an ADT. (10)
- Q. 7** Write short notes on **ANY TWO** of the following: (10)
a) Storage classes
b) Do-while loop
c) Binary tree

SECTION - II

- Q. 8** Write a program to print given number is prime or not according to user input. (15)
- Q. 9** Write a program to store record in file book.dat (15)
(bookno, bname, Author, edition, price)
- Q. 10** Write a program to add, delete and search element in linked list. (15)

