

BCA V SEM

Course: BCA-311 Information System Analysis and Design

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Question 1:

- a) Define system development life cycle in brief.
- b) (i) What do you mean by the word “System”? Explain in brief.
- (ii) Define ER diagram with example in brief.

Question 2:

- a) Explain the following:
1. Prototyping.
 2. CASE Tools.
 3. System Design.
 4. System Testing.
- b) What do you understand by the term “Feasibility study”? Describe all types of Feasibility study.

Course: BCA-312 Advance Computer applications

Due date of submission: 10.11.2016

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Q-1:

- (a) What do you mean by Decision Modeling Process? Explain with a real world example.
- (b) Describe the techniques of knowledge management system, with its limitations.

Q-2: Define the following terms with appropriate examples:

- (a) Decision Support System.
- (b) Business Expert System.
- (c) Knowledge Management System.
- (d) Group decision support System.

Course: BCA-313 Web technology

Due date of submission: 10-Nov-2016

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Q-1

- (a) What is web? Explain the history of web.
- (b) Prepare a list of all cyber laws of India.

Q-2

- (a) Explain all the basic communication issues we have in internet.
- (b) Write down all the differences between traditional projects and web projects.

Course: BCA-314 JAVA PROGRAMMING

Due date of submission: 10.11.2016

INSTRUCTIONS

4. Write the responses to the assignment in your own handwriting.
5. Write your Name, Programme and Enrolment No. clearly at the top of the page.

6. Submit the responses to your HOD within the due date.

Q-1:

- (a) Define JAVA programming language. Is it pure object oriented programming language? Justify your answer with appropriate reasons.
- (b) Describe all the data types used in java with examples.

Q-2:

- (e) What do you mean by platform dependent languages? Is java platform dependent language? Write the answer with reasons.
- (f) What is Exceptional Handling concept in JAVA? Why we use it? Define the reasons.

Course: BCA-315 Computer Network Security

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Question 1:

a) Define Computer security. Explain all the principles of computer security.

b) Write Short note on the following:

- 1) Encryption.
- 2) Digital Signature.
- 3) Hash Functions.
- 4) DES.

Question 2:

a) Explain the following:

1. Principles of security.
2. Types of attacks.
3. Viruses and worms.
4. DNS.

b) What do you understand by the term “Cryptography”? Describe its security services in brief.

