

TAMIL NADU OPEN UNIVERSITY

School of Computer Science

SPOT ASSIGNMENT– AY 2016-17 & CY 2017

NOTE : Part A Contains 3 Questions and will carry 5 Marks each, Part B Contains 1 Question and will carry 10 Marks. Students are requested to write 150 words and should not exceed 2 pages each in Part A, 300 words and should not exceed 4 pages in Part B. Referring Materials.

Bachelor of Computer Applications

Second Year

Course Code : BCA-07

Course Title : Windows Programming

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. How to create and run a simple project?
2. Discuss about third party controls in VB.
3. Explain Radio button and check box with example

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. What are the steps that are involved to create Active X control?
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Bachelor of Computer Applications

Second Year

Course Code : BCA-08

Course Title : Multimedia

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Define multimedia and MIDI.
2. Discuss the importance of quick time player.
3. Write short notes on copy write issues and its management.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. What is pedagogue? Explain multimedia pedagogues.

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Bachelor of Computer Applications

Second Year

Course Code : BCA-09

Course Title : Relational Data Base Management System

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. List out the steps of database design.
2. List out the steps to change the color of the text and font size of a label.
3. What is a query? Give example.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the Basic structure of SQL queries.

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Bachelor of Computer Applications

Second Year

Course Code : BCA-10

Course Title : Computer Network

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Mention the differences between LAN and WAN.
2. Explain fiber optics and copper wire in detail.
3. Explain about Transport Layer Services.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain in detail the structure and functions of OSI reference model.

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Bachelor of Computer Applications

Second Year

Course Code : BCA-11

Course Title : Introduction to Software Engineering

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Discuss project resources and their types.
2. Explain software team.
3. Write in detail about Risk Identification

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain different phases in software development.

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Bachelor of Computer Applications
Second Year

Course Code : BCA-12

Course Title : Computer Oriented Numerical Methods

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Describe about Gauss Jordan method.
2. Discuss the Error of the interpolation with example.
3. Evaluate $\int_0^1 \frac{dx}{1+x^2}$ using trapezoidal rule.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Solve by Gauss elimination method

$$10x + y + z = 12$$

$$2x + 10y + z = -13$$

$$2x + 2y + 10z = 14.$$