



ADITYA DEGREE COLLEGES

◆ ANDHRA PRADESH ◆

MID- VI SEMESTER EXAMINATIONS

III-BCA - OPEN SOURCE SOFTWARE

Max. Marks : 50 M

Time : 2 Hours

Date: 04.01.2020

SECTION - A

1. Answer ALL Questions 3X10= 30M
1. a) What is Open Source Software? Give some detailed examples of OSS?
OR
b) Explain different kinds of Applications and Tools of Open Source Software.
2. a) What is Operating System? Explain about the features Linux Operating System?
OR
b) What is a Process in Linux? Explain different process states in Linux Operating System?
3. a) Write about MYSQL. Write are the advantages and disadvantages of MYSQL.
OR
b) Explain the Record Selection Technology in MYSQL.

SECTION-B

- II. Answer any FOUR of the following questions: 4 x 5 = 20 M
4. What are the advantages and disadvantages of OSS?
 5. Explain different modes of Linux OS.
 6. Explain about Personalities, Cloning in Linux.
 7. Explain different types of Processes in Linux.
 8. Explain about Signals in Linux.
 9. Write about how to getting started in MYSQL.



Date: 03.01.2020

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I-MID- VI SEMESTER EXAMINATIONS
III-BCA - E-COMMERCE

Max Marks : 50 M
Time : 2 Hours

SECTION - A

I. Answer ALL Questions:

3X10= 30M

1. a) Explain Technical components of E-Commerce in detail.

OR

- b) What are the functions of E-Commerce? Explain?

2. a) Explain Technical Architecture of E-Commerce.

OR

- b) Explain advantages and disadvantages of E-Commerce in detail.

3. a) What is B2B E-Commerce? Explain B2B Boom in detail?

OR

- b) What are the activities of E-Commerce? Explain E-Commerce opportunity Framework in detail.

SECTION-B

II. Answer any FOUR of the following questions:

4 x 5 = 20 M

4. What are the goals of E-Commerce?

5. Explain the scope of E-Commerce.

6. Explain E-Commerce Essentials.

7. Explain the progress of E-Commerce in India.

8. Explain the matrix of E-Commerce models.

9. Explain B2C E-Commerce.



Date: 09.01.2020

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I-MID- VI SEMESTER EXAMINATIONS

III-BCA - HADOOP & R LANGUAGE

Max. Marks : 50 M

Time : 2 Hours

SECTION - A

I. Answer ALL Questions: 3X10= 30M

1. a) Explain the lifecycle/stages of Big Data with a neat diagram.

OR

- b) Explain the Hadoop architecture with a neat diagram.

2. a) Explain the process of Map Reduce Algorithm with an example?

OR

- b) What is the use of Hadoop Driver? Explain with a program?

3. a) How Counters, Sorting & Joins are used in Hadoop Reducer?

OR

- b) Draw a neat diagram of Hadoop Ecosystem and its components and explain their functionalities

SECTION-B

II. Answer any FOUR of the following questions: 4 x 5 = 20 M

4. What are the various Application areas of Big Data?
5. Explain the various categories of Big Data.
6. What are the characteristics of Big Data?
7. Explain the different Hadoop operation modes.
8. How are Hadoop Input & Output formats useful? Explain?
9. Explain about Hadoop Streaming in detail.

ADC/KKD



Date: 07.01.2020

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I-MID- VI SEMESTER EXAMINATIONS

III-BCA - CLOUD COMPUTING

Max. Marks : 50 M

Time : 2 Hours

SECTION - A

- I. Answer ALL Questions: 3X10= 30M
1. a) Explain the components of Cloud Computing?
OR
b) Explain the Essential Characteristics of a Cloud Computing?
2. a) Explain different security concerns in cloud Scenarios?
OR
b) Explain the Benefits and Limitations of a cloud Scenarios?
3. a) Explain briefly the concept of SPI Framework?
OR
b) Explain the Architecture of a Cloud Computing?

SECTION-B

- II. Answer any FOUR of the following questions: 4 x 5 = 20 M
4. What is Cloud Computing? Why cloud computing?
5. Explain origin of Cloud Computing?
6. Explain Security benefits in cloud Scenarios?
7. Explain the concept of cloud scenarios?
8. Explain Cloud Service Models?
9. Explain SPI Framework vs. Traditional Model?



A D I T Y A D E G R E E C O L L E G E S

ANDHRA PRADESH

VI SEMESTER - I MID EXAMINATIONS

III BCA- Advanced software Testing

Max. Marks : 50

Time : 2 Hours

Date: 10-1-2020

SECTION - A

Answer the following Questions.

3X10= 30M

1. a) Explain sequential development models

(i) v- model (ii) w- model

(OR)

b) Explain iterative and Incremental models.

2. a) Explain test planning and control.

(OR)

b) Explain the process of the test implementation and execution.

3. a) Explain business values of testing.

(OR)

b) Explain about test management and documentation.

SECTION - B

Answer any FOUR Questions

4X5=20M

4. Explain about Development models

5. Explain component testing.

6. Explain test analysis.

7. Explain project management.

8. Explain test planning & control?

9. Write the testing business case.