Aditya Group of Degree Colleges

# ADITYA DEGREE COLLEGES

● ANDHRA PRADESH ●

II-MID- VI SEMESTER EXAMINATIONS

III-BCA - OPEN SOURCE SOFTWARE

Date: 02.03.2020

Max. Marks : 50 M

Time : 2 Hours

## SECTION - A

I. Answer ALL Questions:                                         3X10=30M

1. a) Explain about strings in MYSQL.

OR

b) Explain different Data, Time formats and functions in MYSQL.

2. a) Explain different types of datatypes in PHP with examples

OR

b) Explain different control statement in PHP.

3. a) Explain the Stirng Mapulation functions in PHP.

OR

b) i) Explain the features of PERL.

ii) Explain different variable types in PERL.

## SECTION-B

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

4. Explain ORDER BY, GROUP BY clauses in MYSQL.

5. Explain how to create and excuted a php file.

6. Explan the OOP concepts in PHP.

7. Explain the basic Syntax of PERL.

8. Explain Sub routines of PERL.

9. Explain how to create an Array.

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# ADITYA DEGREE COLLEGES

◆ ANDHRA PRADESH ◆

II-MID- VI SEMESTER EXAMINATIONS

III-BCA - CLOUD COMPUTING

Date: 03.03.2020

Max. Marks : 50 M

Time : 2 Hours

## SECTION-A

I. Answer ALL Questions: 3X10= 30M

1. a) Explain the concept of AmazonEC2 IaaS Service provider?

OR

b) Explain the services of Google Cloiud Platform?

2. a) Explain the concept of Microsoft Azure IaaS service provider?

OR

b) Explain the concept of Cloud Deployment Models?

3. a) Explain briefly the concept of Memory and data Virtualization?

OR

b) Explain the architecture of VMware Infrastructure?

## SECTION-B

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

4. Explain Google Cloud Platform Operational benefits?

5. Explain advantages of Cloud Computing?

6. Explain the differences between Public Cloud and Private Cloud?

7. What is Virtualization? Explain types of Hypervisors?

8. Explain the advantages of Virtualization?

9. Explain Software Virtualization?

# ADITYA DEGREE COLLEGES

♦ ANDHRA PRADESH ♦

II-MID- VI SEMESTER EXAMINATIONS

III-BCA - HADOOP & R LANGUAGE

Date: 05.03.2020

Max. Marks : 50 M

Time : 2 Hours

## SECTION - A

I.   Answer ALL Questions:                                3X10= 30M

1.   a) Write any 10 Hadoop Processing tools with their features.

OR

   b) Explain the Numeric, Integer, Complex, Character and Logical datatypes in R with examples.

2.   a) Explain the different categories of operators in R with examples.

OR

   b) What are the Decision making statements in R? Explain with programs?

3.   a) What are the loop control statements in R? Explain with programs?

·OR

   b) Explain in brief about functions and components with examples?

## SECTION-B

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

4.   What are the Applications areas of R?

5.   Distinguish the differences between arrays and matrices functionalities with examples.

6.   Explain the purpose of factors in R.

7.   What is dataframe in R? Explain with examples?

8.   What are the different types of graphic functions to plot a diagram in R? Explain with examples?

9.   Explain about R packages and functions associated with it.

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# ADITYA DEGREE COLLEGES

◆ ANDHRA PRADESH ◆

II-MID- VI SEMESTER EXAMINATIONS

III-BCA - ADVANCED SOFTWARE TESTING

Date: 06.03.2020

Max. Marks : 50 M

Time : 2 Hours

## SECTION - A

I. Answer ALL Questions:                                          3X10= 30M

1. a) Write about Test Estimation.

OR

   b) What is Test Progress monitoring and control?

2. a) What is Risk Analysis? And it's types?

OR

   b) Risk Analysis specification - based techniques?

3. a) Write about Structure - Based techniques.

OR

   b) Define and Explain about the Usability Testing.

## SECTION-B

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

4. FIA

5. Risk

6. Classification tree method

7. OAT

8. LCSAJ

9. Taxonomies

# ADITYA DEGREE COLLEGES

• ANDHRA PRADESH •

II-MID- VI SEMESTER EXAMINATIONS

III-BCA - E-COMMERCE

Date: 29.02.2020

Max. Marks : 50 M

Time : 2 Hours

## SECTION-A

I.   Answer ALL Questions:                                    3X10= 30M

1.   a) Explain the process of developing an E-Commerce strategy.

### OR

b) Explain international E-Commerce strategy development in detail.

2.   a) Explain three models of an Electronic market in detail.

### OR

b) What are B2B Hubs? Explain B2B Hubs in detail.

3.   a) Explain Electronic Business Architecture in detail.

### OR

b) Explain B2B and B2C E-Commerce in detail.

## SECTION-B

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

4.   Explain dotcom companies ?

5.   What is an Electronic market? Explain.

6.   Explain online shopping.

7.   What is B2B exchange? Explain.

8.   Explain E- Business Applications?

9.   Explain B2B market places.