

Hall Ticket No:

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

Question Paper Code: 14MCA110

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC-AUTONOMOUS)

MCA II Year II Semester (R14) Regular & Supplementary End Semester Examinations – May 2017

(Regulations: R14)

WEB TECHNOLOGY THROUGH JAVA

Time: 3Hrs

Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) Write short notes on HTML Generations? Develop a static website to support all educational services? 12M

OR

Q.1(B) What is CSS? Write about various types of style sheets? Explain the process of Event handling in Java Script? 12M

Q.2(A) Explain basic concepts of Networking in java? Explain the classes and methods of .net package? Write a program to create a client? 12M

OR

Q.2(B) What is URL? Explain various parts of URL? Write a program to display the IP Address, Host String, Host name of YAHOO.COM . 12M

Q.3(A) Differentiate the Java program and Java Servlet Program? Write about Servlet Protocols? 12M

OR

Q.3(B) In detail explain javax.servlet.* package? Create a Dynamic Webpage for Login and Home screens? 12M

Q.4(A) Explain the setup process of JSP? Develop a webpage for online shopping? 12M

OR

Q.4(B) Write about session programming in JSP? In detail explain the process of Exception Handling? 12M

Q.5(A) Explain step by step process of JDBC? Write a program to display student data? 12M

OR

Q.5(B) Develop a JSP Database Application for Railway Reservation System? 12M

*** END***

Hall Ticket No:

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

Question Paper Code: 14MCA111

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC-AUTONOMOUS)

MCA II Year II Semester (R14) Regular & Supplementary End Semester Examinations – May 2017

(Regulations: R14)

DATA WAREHOUSING AND DATA MINING

Time: 3Hrs

Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.

In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) Describe various data mining functionalities with an example. 12M

OR

Q.1(B) a. Discuss the major issues in data mining system. 12M

b. Describe the different methods for data cleaning.

Q.2(A) Discuss the mapping of data ware house to multiprocessor architecture. 12M

OR

Q.2(B) Define OLAP & OLTP. Differentiate OLAP and OLTP. 12M

Q.3(A) State Bayes theorem and explain Bayesian belief network in detail. 12M

OR

Q.3(B) Discuss the following in detail with suitable illustration. 12M

i. Discretization and concept hierarchy generation.

ii. Data Transformation.

Q.4(A) Explain different types of data in cluster analysis. 12M

OR

Q.4(B) i. Explain the representative object based clustering technique in detail. 12M

ii. Write short notes on Issues regarding classification and prediction.

Q.5(A) Discuss in detail about web mining. Explain the suitable algorithms used in mining the structure and content of the web with suitable application. 12M

OR

Q.5(B) Describe the use and application of DBMinier. 12M

***** END*****

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC-AUTONOMOUS)

MCA II Year II Semester (R14) Regular & Supplementary End Semester Examinations – May 2017

(Regulations: R14)

MOBILE APPLICATION DEVELOPMENT USING ANDROID

Time: 3Hrs

Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.

In Q.no 1 to 5 answer either Part-A or B only

- | | | |
|-----------|---|-----------|
| Q.1(A) | i. Explain the looping statements in Java with simple examples. ii. Write short notes on Android Flavours. | 8M 4M |
| OR | | |
| Q.1(B) | What is meant by Inheritance? Mention its types. Explain Inheritance concepts with programming example in Java. | 12M |
| <hr/> | | |
| Q.2(A) | i. What is meant by a layout in android? Explain about all the layouts with a neat sketch. ii. Write a simple program to change the color of the background color of the layout by button click. | 8M 4M |
| OR | | |
| Q.2(B) | Define a service in android. How can a service be created in the background – Explain. | 12M |
| <hr/> | | |
| Q.3(A) | i. What is meant by a Fragment in android? Mention the types of Fragments. ii. Explain how fragments can be created dynamically by an example. | 3M 9M |
| OR | | |
| Q.3(B) | i. How data are stored in Android? Write short notes on DBHelper in Android. ii. Explain the functionalities that can be carried in SQLite with an example. | 4M 8M |
| <hr/> | | |
| Q.4(A) | Explain in detail: What is meant by an activity. Explain about the basic main activity in detail. | 12M |
| OR | | |
| Q.4(B) | Write short notes on: i. Boot receivers. ii. Content Providers. | 6M 6M |
| <hr/> | | |
| Q.5(A) | i. Define Android Application widget. ii. Explain in detail with an example the creation of an Android widget. | 2M 10M |
| OR | | |
| Q.5(B) | Explain in detail: i. Live Wallpapers. ii. Handlers. | 6M 6M |

*** END***