

Reg. No. :

D 2135

Q.P. Code : [D 07 PCS 05]

(For the candidates admitted from 2007 onwards)

M.Sc. DEGREE EXAMINATION, MAY 2013.

Second Year

Computer Science

ADVANCED OPERATING SYSTEM

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. Explain the Evolution of operating systems in detail.
2. Describe the various stages of processes with neat diagram.
3. Illustrate the concept of Interprocess communication in detail.
4. Write an essay about Remote procedure calls.

5. Explain the following with respect to distributed file system
 - (a) File sharing semantics
 - (b) File Replication.
 6. What is called inode? Explain the algorithm for assigning new inode and freeing inode.
 7. Elucidate the following with respect to UNIX
 - (a) Algorithm for Init process
 - (b) Algorithm for Booting the UNIX system.
 8. Develop a 'C' program by using fork, exec system calls.
-

Reg. No. :

D 2136

Q.P. Code : [D 07 PCS 06]

(For the candidates admitted from 2007 onwards)

M.Sc. DEGREE EXAMINATION, MAY 2013.

Second Year

Computer Science

INTERNET PROGRAMMING AND WEB DESIGN

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. (a) Write a note on software technologies. (10)
(b) Discuss on <Meta>tag and <Frame set> tag. (10)
2. (a) What are the operations used in decision making? Explain. (10)
(b) Write a program for displaying a line of text in a web page. (10)
3. Elucidate how will you define a function with an example program.

4. (a) How will you pass an array to a function.
Discuss. (4)
 - (b) Explain the types of searching technique in
the array. (16)
 5. Explain the different types of object used in java
script.
 6. List out the various mouse event. Explain with
example programs. (10)
 7. (a) Discuss the various string manipulation in
VB script. (10)
 - (b) Briefly explain the classes and objects of VB
script. (10)
 8. In detail explain how to create and access
database in an ASP.
-

Reg. No. :

D 2137

Q.P. Code : [D 07 PCS 07]

(For the candidates admitted from 2007 onwards)

M.Sc. DEGREE EXAMINATION, MAY 2013.

Second Year

Computer Science

DATA MINING AND WAREHOUSING

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. List and explain basic data mining tasks in detail.
2. Explain in detail about statistical perspective on data mining.
3. Discuss about decision tree-based algorithms in detail.
4. (a) Give an account on similarity and distance measures.
(b) Illustrate the Hierarchical algorithms in detail.

5. Illustrate the types of basic algorithms in detail.
 6.
 - (a) List and explain the characteristics of a data warehouse.
 - (b) Summarize the concept of data mart.
 7.
 - (a) Compare and contrast OLTP with OLAP systems.
 - (b) Draw and explain the multifact star schema (or) snow flake schema in detail.
 8. Discuss the following :
 - (a) Data warehouse architectural strategies and organization issues.
 - (b) National data warehouses.
-