

ANDHRA UNIVERSSSITY
SCHOOL OF DISTANCE EDUCATION
ASSIGNMENT QUESTION PAPER 2021-2022
PGDCPA (Second Semester)
DATA MANAGEMENT SYTEMS

Marks 20

Answer All questions. All question carry equal marks.

1. What is the independence? Explain.
2. Discuss in detail about various general indexing techniques with suitable examples.
3. Discuss the difference between the relational, hierarchical and network approaches with suitable examples.
4. With suitable examples, discuss about data definition and data management languages and the commands used in DDL and DML.
5. Discuss about functional dependency and multi valued dependency and BCNF.

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OPERATING SYSTEMS

Marks 20

Answer All questions. All question carry equal marks.

1. Discuss different services provided by an operating system.
2. Discuss about different scheduling algorithms with examples.
3. What is Dining philosophers problem? Discuss the solutions to Dining Philosopher's problem.
4. What is virtual memory? Discuss the benefits of virtual memory technique.
5. Explain the difference between external fragmentation and internal fragmentation problem using paging?

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OBJECT ORIENTED PROGRAMMING SYSTEMS

Marks 20

Answer All questions. All question carry equal marks.

1. How data and functions are organized in object oriented programming? Explain with example.
2. Define a class. Explain how to create and destruct objects dynamically.
3. How many types of nested classes are there in java? Explain with examples.
4. What is package? Explain Access protection methods using packages.
5. Describe how to create a frame window that response to mouse clicks and keystrokes.

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INTERNET TECHNOLOGIES

Marks 20

Answer All questions. All question carry equal marks.

1. What do you mean byHTML? Explain the role of HTML in web. Discuss the various issues facing HTML and the web.
2. Explain about frame, style sheets and lists in HTML.
3. Write the procedure to search information about cricket using search engine.
4. What do you mean by forms? Explain form elements and form controls in HTML.
5. What are the various encryption schemes used in internet? Explain.

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E-COMMERCE

Marks 20

Answer All questions. All question carry equal marks.

1. Differentiate between traditional business and e-business.
2. Write a detail note on internet based E-Commerce for Service Industries.
3. Explain about different types of electronic payment systems and their significance.
4. Explain in detail on-line marketing process and market research in relation to electronic commerce.
5. Discuss in detail about E-Commerce infrastructure, strategies and their implementation.