

Basant College of Management & Technology

Assignment

BCA 2nd

Database management System

- Q1. What is database management system? Explain with example.
- Q2. Compare traditional file management with database approach?
- Q3. What is database normalization explain with the help of example?
- Q4. Draw a database schema of library management?
- Q5. Write down brief notes on following
- A. BCNF
 - B. Data Dictionary
 - C. ODBMS
 - D. Transaction
 - E. Recovery

Basic Mathematics

- Q1. What is limit and continuity of a function and define equality of a limit?
- Q2. Define Matrix and Its properties
- Q3. What is a set and explain with example
- Q4. Define geometric and harmonic progression and its Example?
- Q5. Brief explain from following
- A. Onto and into function
 - B. Quadratic equation
 - C. Series
 - D. One – One function

SSAD

- Q1. What do you understand by SDLC explain different phases of SDLC.
- Q2. What is Testing? How many type of testing used in software engineering?
- Q3. Discuss various steps in requirement analysis?
- Q4. What is design verification and its importance?
- Q5. Write Brief notes on following...
- A. Software Metric
 - B. Feasibility Study
 - C. Requirement Analysis
 - D. Top down/ Bottom up design
 - E. Decomposition Techniques

Operating System

- Q1 what is operating system and its uses
- Q2. What is multiprogramming explain with example
- Q3. what is deadlock explain its all necessary condition
- Q4. what disk scheduling
- Q5. Write brief notes on following
- A. RTOS
 - B. Virtual Memory
 - C. Kernel
 - D. Page removal algorithm
 - E. Thread

Principle of management

Q.1-Explain “management as a science”?

Q.2-What is planning? what are its advantages?

Q.3-How Many Types of Co-ordination? Give Brief?

Q.4-What are the steps for sound Organization?

Q.5-What are Human Resources Planning?

Define Words-

(a)Placement

(b)Development

(c)Democratic leader

(d) Formal Communication