



M.B.A. (Semester – III) Examination, December 2016
(Under Distance Learning)
DBMS AND ORACLE

Date : 8-12-2016

Time : 2.30 p.m. to 5.30 p.m.

Total Marks : 70

Note : Each question carries equal marks.

1. Use the given tables to solve SQL queries.

EMP (Empno number (4), ename varchar 2(15), job varchar 2(10), mgr number (4), hiredate date, sal number (7, 2), comm. number (7, 2), deptno number (2))

DEPT (deptno number (2), dname varchar 2(14), loc varchar 2(13)).

- Write a query to create emp table with appropriate constraints.
- Display 'BLAKE' and his subordinates details from emp table.
- Display different job titles in emp table.
- List all employee who are earliest and latest in organization.
- List the employee no and name where salary is between 1000 and 3000.

2. Explain DDL and DML statement in SQL.

3. What are the different type of joins in DBMS ?

4. Explain Codd's Rule.

5. Explain how is concurrency control done in DBMS.

6. What is the need and characteristics of DBMS in comparison to earlier file systems ?

7. Write short notes (any two) :

1) SQL Functions

2) Grant Vs. Revoke

3) Set Operators



FM 314

Master of Business Administration (M.B.A.) (Semester – III)
(Under Distance Learning) Examination, December 2016
C – PROGRAMMING

Date : 11-12-2016

Time : 2.30 p.m. to 5.30 p.m.

Max. Marks : 70

Instructions: 1) Answer any five questions.
2) All questions carry equal marks.

1. What are constant and variables ? What is Symbolic Constant ? Describe its types.
 2. What do you mean by storage classes by C ? What are the advantages and disadvantages of external storage class ?
 3. What is the difference between formatted I/O and unformatted I/O ? Write the input/output formatted function along with syntaxes.
 4. How structure members are accessed using pointer ? Distinguish between structure and union.
 5. Write a programme to calculate factorial of 'n' number by using recursive functions, where n is the number inputted by user.
 6. Write a program that read a 3*3 matrix and find sum of all the elements of matrix then print the sum.
 7. What is Register Storage in Class in C ? What are the disadvantages of using register storage class specifier ?
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FM 420

Master of Business Administration (MBA) (Semester – III)
Examination, December 2016
(Under Distance Learning)
SOFTWARE ENGINEERING

Date : 6-12-2016

Max. Marks : 70

Time : 2.30 p.m. to 5.30 p.m.

Instructions : 1) Answer **any five** questions.

2) **All** questions carry **equal** marks.

1. Explain with diagram Prototype Model of Software life cycle. List advantages and disadvantages of Prototype Model of Software life cycle.
 2. Draw the ER Diagram for Library Management System.
 3. What is architectural design w.r.t. software engineering ? Explain any two Architectural Design principles in details.
 4. Write in detail ISO 9000 and ISO 9001 series of quality series.
 5. Explain with diagram the V model of software testing.
 6. What is inheritance ? Differentiate any 3 points between SSAD and OOAD.
 7. Explain need of CASE Tool in software Engineering. Define any 4 benefits of CASE Tools.
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M.B.A. (Semester – III) Examination, December 2016
(Under Distance Learning)

FUNDAMENTALS OF INFORMATION TECHNOLOGY

Date : 10-12-2016

Time : 2.30 p.m. to 5.30 p.m.

Max. Marks : 70

Note : 1) **Each** question carry **equal** marks.
2) Answer **any five** questions.

1. Explain Operating Systems in detail. Name any two commonly used OS with its features.
 2. Explain the use of computer in business using suitable example.
 3. Explain input and output devices using suitable example.
 4. Differentiate between Primary memory and Secondary memory.
 5. Explain the terms :
 - a) Internet
 - b) Search engine
 6. Explain in detail about OSI Model.
 7. Explain generations of computer.
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