Seat No.	

B.E. (Computer Science and Engineering) (Semester - VIII) (Theory) Examination, April - 2016
INTRODUCTION TO MAINFRAMES
Sub. Code : 58286

Day and Date : Tuesday, 26 - 04 - 2016

Time : 03.00 p.m. to 06.00 p.m.

Total Marks : 100

Instructions :
1) Figures to the right indicates full marks
2) Attempt any three questions from each section
3) Write your assumption if needed.

SECTION - I

Q1) a) Explain Online and Batch processing with its applications **[8]**

b) Give and explain different roles in the Mainframe world. **[8]**

Q2) a) Describe instream and cataloged procedures. **[8]**

b) What is JCL? Explain the structure of JCL. **[8]**

Q3) a) Describe DD statement? Explain different parameters on DISP statement.**[8]**

b) Explain following IBM utility programs with example. **[8]**

    i) IEBCOMPR

    ii) IEBCOPY

Q4) a) Explain DASD Labels, Catlogs, and Data set organisation **[9]**

b) Explain Virtual address format for 64 bit and 32 bit. **[9]**

SECTION - II

Q5) a) List and explain the Divisions, Sections and Paragraphs in COBOL program. **[9]**

b) Explain following w.r.t. DB2 objects. **[8]**

    i) Stored tables

    ii) Tablespaces

P.T.O.

Q6) a) Explain REDEFINES and RENAMES clause with suitable examples of COBOL program. **[9]**

b) Write a sample COBOL program where all types of PERFORM verbs are used **[8]**

Q7) a) Explain following w.r.t. DB2 **[8]**

i) Storage groups

ii) View

b) Explain System Service Component & Locking Service Component of DB2 **[8]**

Q8) a) Explain MOVE verb in COBOL with suitable example of COBOL program **[8]**

b) What are the basic features of Embedded SQL? **[8]**

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