Database Systems
ASSIGNMENT
BS(CS) - Fall 2018 (Semester Fall 2020)

Total Marks: 70   Deadline: **Nov 08, 2020**

Instructions

The assignment consists of three problem sets. You are assigned <u>two questions</u> from problem set-1 and <u>one question</u> each from problem set-2, 3. The assignment function is **RollNo MOD 6.** For example, Roll No. BSCSF18M015 should attempt questions at Sr#3 from each of the tables. The marks of each question of problem set-1, 2, and 3 are 10, 20, and 30 respectively. For each question, you have to perform the following tasks:

  a) List out entity classes along with appropriate attributes.
  b) Identify all necessary relationships.
  c) Identify the connectivity for each relationship.
  d) Draw ER / EER model using MS Visio.
  e) You can make your assumptions (if needed).

Books

  A. Carlos Coronel, Steve Morris, "Database Systems" Design, Implementation, Management, 13th Edition"
  B. Jeffrey Hoffer, "Modern Database Management" Design, Implementation, Management, 12th Edition"

Problem Set – 1

Quesition#1

Sr#	0	1	2	3	4	5
Problem	4.1	4.2	4.3	4.4	4.5	4.6
Book	A	A	A	A	A	A

Quesition#2

Sr#	0	1	2	3	4	5
Problem	5.1	5.2	5.3	3.25	3.26	3.29
Book	A	A	A	B	B	B

Problem Set – 2

Quesition#3

Sr#	0	1	2	3	4	5
Problem	3.31	3.33	3.37	4.7	4.8	4.9
Book	B	B	B	A	A	A

Problem Set – 3

Quesition#4

Sr#	0	1	2	3	4	5
Problem	3.34	4.11	4.12	5.8	5.9	5.10
Book	B	A	A	A	A	A