

COMPUTER SCIENCE
MILITARY COLLEGE OF SIGNALS, NUST
DATABASE SYSTEMS
BESE-15B

<u>Exam:</u>	(Quiz 1)	<u>Instructor:</u>	Dr. Sanam Shahla Rizvi
<u>Type of Paper:</u>	(Regular)	<u>Total Marks:</u>	5
<u>Semester:</u>	(Fall)	<u>Time Allowed:</u>	10 minutes

Note:

1. Attempt all questions.
 2. All questions carry equal marks.
 3. Please attach the question paper with your answer sheet.
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Question No.1

(5)

Construct an ER diagram for a Research Project Database where;

- Some employees are researchers
- Every project has a leader investigator
- Every project must be funded by an agency
- A project may include several topics
- A topic could appear in several projects
- Researchers must produce report(s)
- Each employee must have a supervisor

Good Luck!

Solution: