INST 733 - Assignment 5 - Grading Rubric

Q.1. (100 points)

1NF:

Error /Problem	Points lost
Repeating group was not removed from the original table.	-6 for each group
The repeating fields are not collapsed into single fields. (There are repeating fields in the newly-created table.)	-4 for each group
A necessary PK field is not added to the newly-created table.	-4 for each PK field
A PK/CPK/FK field is not labeled as such.	-2 for each missing label
A relationship line/arrow is not drawn between the PK of the original table, and the CPK or FK field in the newly-created table corresponding to the PK of the original table.	-2 for each missing line
2NF tasks are included in 1NF.	-8
3NF tasks are included in 1NF.	-8
Other outstanding error.	-2 to -8 for each error

2NF:

Error /Problem	Points lost
One of the fields that pose a partial dependency is not moved to a separate table.	-4 for each field
One of the fields that do not pose a partial dependency is incorrectly moved to a separate table.	-4 for each field
A table that potentially includes partial dependencies (a table with a CPK structure) is not included in 2NF analysis.	-8
A PK/CPK/FK field is not labeled as such.	-2 for each missing label
A relationship line/arrow is not drawn between a PK/FK (or CPK).	-2 for each missing line
1NF tasks are included in 2NF.	-8
3NF tasks are included in 2NF.	-8
Other outstanding error	-2 to -8 for each error

3NF:

Error /Problem	Points lost
One of the fields that pose a transitive dependency is not moved to a separate table.	-4 for each field
One of the fields that do not pose a transitive dependency is incorrectly moved to a separate table.	-4 for each field
A table that potentially includes transitive dependencies is not included in 3NF analysis.	-8
A PK/CPK/FK field is not labeled as such.	-2 for each missing label
A relationship line/arrow is not drawn between a PK/FK (or CPK).	-2 for each missing line
1NF tasks are included in 3NF.	-8
2NF tasks are included in 3NF.	-8
Other outstanding error	-2 to -8 for each error