# COP5007 Programming Project # 4

## Grading Sheet

**Total Score:** (100 points total): \_\_\_\_100\_\_\_\_ Name: \_\_\_\_Probal Chandra dhar\_\_\_\_

NOTE all items on grade sheet refer to correctly implementation of the item.

1. **Administrator** 
   1. \_\_\_5\_\_\_ (5 pts) Stores question data in a Random Access File
   2. \_\_\_5\_\_\_ (5 pts) Question creation including answers and point value
   3. \_\_\_5\_\_\_ (5 pts) Delete questions using Random Access File record search. (linear search is prohibited)
   4. \_\_\_4\_\_\_ (4 pts) Displays all questions
   5. \_\_\_5\_\_\_ (5 pts) User defined exception class created and used.
2. **Player**
   1. \_\_\_5\_\_\_ (5 pts)  Serialized
   2. \_\_\_3\_\_\_ (3 pts)  Accessor, mutator and Constructor (Parameterized and Default)
   3. \_\_\_2\_\_\_ (2 pts)  toString - returns a nicely formatted string instance fields
3. **Question** 
   1. \_\_\_3\_\_\_ (3 pts) Instance fields, constructors
   2. \_\_\_3\_\_\_ (3 pts) Accessor methods
4. **Trivia Game** 
   1. \_\_\_5\_\_\_ (5 pts) Stores collection of Question objects
   2. \_\_10\_\_\_ (10 pts) Uses *random* number generation to read 5 random questions from the question bank and stores them in the collection.
   3. \_\_\_5\_\_\_ (5 pts) Provides next question object to caller
   4. \_\_\_5\_\_\_ (5 pts) Evaluates answer.
5. **Play Game** 
   1. \_\_\_20\_\_\_ (20 pts) provides all the functionality required to play the game as specified.
   2. \_\_\_\_5\_\_\_ (5 pts) Serializes and de-serializes the user object.
6. **UML Diagram 10**
   1. \_\_\_5\_\_\_ (5 pts) Simple Class diagram (with all methods, instance fields and association)
   2. \_\_\_5\_\_\_ (5 pts) Final version Class diagram (with all methods, instance fields and association)
7. **Other Issues (See Java Coding Standards as posted)**
   1. \_\_\_\_\_\_\_ (up to -10 pts) Poorly documented including Javadoc HTML file (correct format and tags)
   2. \_\_\_\_\_\_\_ (up to -10 pts) Poor programming style (formatting, variable names, no magic numbers etc)
   3. \_\_\_\_\_\_\_ (up to -30 pts) Not Object Oriented , poor program structure (separate classes and driver program)

Comments: I tried my best to grade myself, forgive me if I'm wrong.