**Test 1**

**[Total Marks: 100]**

|  |  |
| --- | --- |
| **Instructor:** | Jigisha Patel |
| **Class:** | 2018W\_CSD 2204\_9  Database Design and SQL |
| **Time:** | 2 Hours |

* Students are NOT allowed to possess any unauthorized aids on their desks, or in their pockets, including electronic devices of ANY kind, unless otherwise stated. This includes CELL PHONES, iPod and CALCULATORS.
* Turned off cell phones, laptops and other unauthorized items, purses and wallets should be stored inside the candidate’s bag and closed securely. All bags and study materials (notes and books) should be placed on front side of class.
* Candidates are not allowed to reach into the bags and pocket or any of their study materials until the exam is over.
* Candidates must not communicate with one another in any manner whatsoever during the examination.
* Candidates may not leave the examination room unescorted for any reason, including visiting the washroom.
* Candidates are expected to show consideration for others in the exam room and to refrain from causing any type of disturbance which could interfere with the ability of fellow students to concentrate and this may cause your cancellation of exam paper.
* Candidates are not allowed to enter the exam after 30 minutes of exam commencement and not allowed to leave the exam before 10 minutes of the exam.

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| --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Date:** | **12 Jan 2018, Monday** | | **Student Name:** |  | | **Student Number:** |  | |

**Table: Information for movies produced by “Fantom” production.**

**Movies (Id, Title, Director, Year, Length\_Minutes, BOCollection)**

**Data:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Id** | **Title** | **Director** | **Year** | **Length\_Minutes** | **BOCollection** |
| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |
| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |
| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |
| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |
| 5 | Room for One More | Coreen Friedlos | 2007 | 80 | 3.03 |
| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |
| 7 | Cars | John Lasseter | 2003 | 14 | 77.02 |
| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |
| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |
| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

**Execute the following Queries:**

|  |  |  |
| --- | --- | --- |
| **Sr. #** | **Query text** | **Marks** |
| 1) | Create Movie Table. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 2) | Insert Records in Movie Table. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 3) | Find the title and director of each film. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 4) | Find the movie with an id of 6. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 5) | Find all the movies whose director name contains ‘r’ at third character of their name. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 6) | Display the information of movies released in the years between 2000 and 2008. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 7) | Find the first 5 movies and their release year. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 8) | Show the list of title and director of movie directed by any other than “Carri Garrals”. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 9) | List all directors of Fantom movies (alphabetically), without duplicates. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 10) | Display the four latest releases from the Fantom production. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 11) | How many movies does the Fantom production releases in each distinct year? | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 12) | What is the average running length of all Fantom Movies? | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 13) | Find out who is the director of the highest earning movie. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 14) | Display the BoxOffice collection for the movie directed by “Carri Garrals” and released before year 2000. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 15) | What is the average BoxOffice collection of movies directed by each director? | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 16) | If the BoxOffice collection is less than 5 then change it to 5. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 17) | Change the Length\_Minutes for “Cars” movie to 34. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 18) | Change the size of Director column. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 19) | Create a new table with only the structure of Movies table. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |
|  |  |  |
| 20) | Show the structure of both the table. | **[05]** |
| **Query** |  |  |
| **Result** |  |  |

**Note:**

1. Fill your details on 1st page.
2. Rename this file as **CollegeID\_FirstName\_CSD2204\_Test1.docx**.
3. Also copy your MySQL command prompt content into file named as **CollegeID\_FirstName\_CSD2204\_Test1\_mySQL.docx.**
4. Create a .zip file containing both the .docx files and upload it on Moodle for submission.