Midterm *(CSE311L Section 1 – Asif Ahmed Neloy_Summer'20)*

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Instructions and Notes -

1. For this Mid-Term, create a separate DB named "**Mid-Term-Su**" using VS Code.
2. For all table data and Schema, refer the **Schema_All.pdf**.
3. You have to create, insert each table value using "**VS Code**". You must have to **test your connection**.
4. After creating and inserting the table, you can use **Xampp/Local Host PHP Admin** to answer the questions.
5. No need to write answer in this pdf, submit your **code** and **full window screenshot** in each question folder mentioning the question number. Without the screenshot, you'll get **50%** marks.
6. For VS code, submit the ".**php**" Extension file and for Xampp file, use **the Query results operations -> print** option to generate pdf file, rename the file according to answer number and submit.

Marks Distribution:

Question	Criteria and Marks	Total Marks
1	Creating Table – **5**	27
	Inserting Table Value - **10**	
	Answer 4 SQL - **12**	
2	Creating Table – **5**	23
	Inserting Table Value - **6**	
	Answer 3 SQL - **12**	

Question 1:

Consider the following relations between – **Student, Department, Course** and **Class (See – Schema_All.pdf).** Write the following queries in SQL. **No duplicates should be printed in any of the answers.**

I. Print the names of students who are in '**Senior=SR**' level and registered in a class taught by '**Ivana Teach**'.

II. Print the level name and the average age of the '**students**' for that each level of the "**class**".

III. Print all the level names and the average age of all students except "**Junior**" (JR) level.

IV. Print the all the faculty names of the "department" and total number of classes the faculty takes only in room "**R128**".

Question 2:

Consider the following relations between – **Provider, Goodies** and **Stock (See – Schema_All.pdf).** Write the following queries in SQL. **No duplicates should be printed in any of the answers.**

I. Print the parts name (pnames) of "**Goodies**" for which where is some "**Provider**".

II. Print the name of the "**provider**" who only gives the "**green parts**" and also print the total number of "**goodies**" the provider supplies.

III. The provider who gives "**green parts**" and "**red parts**," print the provider name and the price of the most expensive goodies/parts the provider supplies.