**Academic Task Number: \_\_\_CA-2\_\_\_\_\_\_\_\_\_ Course code:** **CAP-777**

**Date of allotment:** \_\_\_\_13/08/2023\_\_\_\_\_\_\_\_\_\_ **Course title:** WEB DEVELOPMENT USING PHP

**Date of submission:** \_\_\_\_13/08/2023\_\_\_\_\_\_\_\_\_\_ **Maximum Marks: 25**

**Academic Task Type: Practical\_\_\_\_\_\_\_\_\_\_\_**

**Set Number-Set A**

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| --- | --- | --- | --- | --- |
| **Question Number** | **Question Statement** | **Course Outcome** | **Bloom’s level** | **Marks per Question** |
| Q1 | You are a software engineer working on a project to develop a shopping cart application. The application needs to be able to find the product with the lowest price in a table of products.  The function would first need to iterate through the table of products. For each product, the function would need to get the product's price. The function would then need to keep track of the product with the lowest price. Once the function has iterated through all of the products, it would return the product with the lowest price.  Output:   1. Display data into table with product details with price and quantity 2. Total amount and number of quantities 3. Net payable amount after detection 10% 4. write the function to find the product with the lowest price 5. write the function to find the product with the Highest price | Co1 | L1: Apply | 20 |
| Q2 | Given an array of strings, find the string with the longest length | Co2 | L1: Apply | 05 |

**Academic Task Number: \_\_\_CA-1\_\_\_\_\_\_\_\_\_ Course code:** **CAP-777**

**Date of allotment:** \_\_\_\_31/08/2023\_\_\_\_\_\_\_\_\_\_ **Course title:** WEB DEVELOPMENT USING PHP

**Date of submission:** \_\_\_\_31/08/2023\_\_\_\_\_\_\_\_\_\_ **Maximum Marks: 25**

**Academic Task Type: Practical\_\_\_\_\_\_\_\_\_\_\_**

**Set Number-Set B**

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| **Question Number** | **Question Statement** | **Course Outcome** | **Bloom’s level** | **Marks per Question** |
| Q1 | Write a PHP program using nested for loop that creates a chess board.  **Conditions:**   * You can use html table having width=”400px” and take “30px” as cell height and width for check boxes. | Co1 | L1: Remember | 10 |
| Q2 | Ragu wants to create a program to store and display personal information about individuals. He decided to create a class called Person to represent a person's details with a name, age, and gender as their private attributes. Initialize and display the same using member functions. The name and gender should be displayed in uppercase letters.  Output Format  The output displays the name, age, and gender of the person separated by spaces.  The name and gender should be printed in uppercase letters. | C02 | L1: Remember | 10 |
| Q3. | Create a user-defined function that takes an array of book prices as input and calculates the total cost after applying a discount percentage. Use this function to calculate the total cost for a customer's cart. | CO1 | L1:  Remember | 5 |