2023

COMPUTER SCIENCE — HONOURS — PRACTICAL

Paper : CC-8P

(Data Communication Networking and Internet Technology)

Full Marks : 30

SET – 3

Marks Distribution :

Program Implementation	:	15 (5+10) (HTML+PHP)
Output	:	05
Sessional	:	04
Viva voce	:	06

Answer *any one* question.

1. (a) Create the below output using HTML   8+7

NAME	ROLL NO.	DEPT.	SGPA
Arpan Khatoon	101	Geography	7.8
Arka Chakraborty	157	Geography	3.4
Shouvik Das	213	Geography	8.5
Trina Sen	277	Physics	8.65

(b) Create a Static web page. Add an image to your web page. Which tag would you use for this exercise? For image, you can use any .jpg/.png file in the computer you are using.

2. Write a program using HTML, PHP that designs a data entry form as given below, asking user to input his/her University roll no., University registration no., Semester data (I-VI), academic session, obtained marks (out of 50) in courses (CC6, CC7, CC8, SEC) one by one. Allow only one choice in case of semester and course data input. On submit, display all the submitted data if entered University registration number starts with "CU-2023-" else show error message.

3. Display the result of sorting 15 numbers in descending order without using any built-in function of PHP. Also display the maximum value after sorting the array. You may implement the program using any sorting technique.

4. Design a website for the Tourism Promotion of "Santragachi Lake" to attract Tourists during season. There should be following pages : One Home page that leads to other pages. The Home page should contain name of the place as heading along with a background image and also links to the below pages for information :

   • Distance from Kolkata : 13 km

   • How to reach from Kolkata

   • Hotel booking information

   • Attractions : Beautiful nature, Sunrise and Sunsets along with variety of birds

   • Best time to visit : November to February

   Include appropriate description / text / image wherever required.

5. Create a webpage in HTML to maintain the profile records of customers in "Santiniketan" Lodge. The profile data should include below information in table format :

   • Date and duration of booking

   • Name

   • Address

   • Age

   • Gender

   • Room numbers

   • Room type (A/C, Non A/C)

   • Type of payment (Cash, ATM, UPI)

   • Contact details

   Insert at least 5 data / record.

6. Design a website for a College. There must be a Home page that leads to other pages. The Home page should contain name of the college as heading along with the college logo. There should be links to the below pages :

- Administration
- Academics
- Admission
- Gallery
- Notice.

Create all these pages with appropriate details/text/images/etc.

7. Create the below associative array using the countries as keys, the cities as values and transform it into 2-dimensional array and display the data as a table. Sort the associative array using the Key value.

Country	Capital
India	New Delhi
Afghanistan	Kabul
Australia	Canberra
Bangladesh	Dhaka
Brazil	Brasilia
Canada	Ottawa
China	Beijing
France	Paris
Japan	Tokyo
Thailand	Bangkok