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SET-4

Series AQ@QA/C

Q.P. Code 53

Roll No. | | | | | | | | |

Candidates must write the Q.P. Code on the title page of the answer-book.

- Please check that this question paper contains **4** printed pages.
- Q.P. Code given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains **9** questions.
- **Please write down the serial number of the question in the answer-book before attempting it.**
- 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

COMPUTER APPLICATIONS

Time allowed : 2 hours *Maximum Marks : 25*

General Instructions :

Please read the instructions carefully.

- *This question paper contains **three** sections – **A**, **B** and **C**. Each section is **compulsory**.*
- ***Section A** has **4** Short Answer Type Questions. Each question is of **2** marks. Internal choice is provided in 1 question.*
- ***Section B** has **3** Long Answer Type-I (LA-I) Questions. Each question is of **3** marks. Internal choice is provided in 1 question.*
- ***Section C** has **2** Long Answer Type-II (LA-II) Questions. Each question is of **4** marks.*

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SECTION A (8 marks)

- *This section has **4** Short Answer Type Questions.*
- *Each question is of **2** marks. Internal choice is provided in **1** question.*

1. Samiksha is developing a web page and she wants to embed an audio file with the following specifications :

(a) The audio should start playing automatically when the page loads, along with audio controls such as play, pause and volume should be visible.

(b) The name of audio file is SamsMusic.mp3.
Write the HTML code to complete the task. *2*

2. (a) Differentiate between the terms Website and Blog. *2*

OR

(b) What is a Remote Login ? Write the name of the protocol used for Remote Login. *2*

3. Mohsin is writing the HTML code to create a web page. He wants to insert a link to his email address mohsin@xyz.com in the web page. The link should appear with the text as "Send Mail" which on clicking should let the web page viewer send a new email to his mentioned email address. Help him to write the HTML code to create the hyperlink. *2*

4. Write the CSS code to set the following properties of the paragraph element, <p> : *2*

- Text Alignment – Centre
- Text Colour – Red

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SECTION B (9 marks)

- *This section has **3** Long Answer Type-I (LA-I) Questions.*
- *Each question is of **3** marks. Internal choice is provided in **1** question.*

5. Expand the following :

(a) FTP

(b) HTTP

Write the difference between FTP and HTTP. *3*

6. What is e-Banking ? Explain any two merits of e-Banking. *3*

7. (a) Differentiate between a Web Server and a Web Client. Write an example of each to illustrate the difference. *3*

OR

(b) Write any three features of 4G mobile technology which makes it better than 3G technology. *3*

SECTION C (8 marks)

- *This section has **2** Long Answer Type-II (LA-II) Questions.*
- *Each question is of **4** marks.*
- *Question no. **8** is of Case-based Type.*

8. Read the case study given below and attempt any **4** sub-questions (out of 5). Each sub-question carries **1** mark.

Dr. Nicole is a general physician who provides virtual online consultancy to her patients and also sends them online prescriptions.

(a) Dr. Nicole needs to see and talk to her patients to diagnose their health conditions in virtual mode. Which **web service** should she use for the purpose ? *1*

(b) Dr. Nicole needs to check on blood reports of her patients, which the patients need to upload on her web portal. Which network protocol is involved during the process of **uploading** such reports on Dr. Nicole's portal ? *1*

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(c) After diagnosing her patients, Dr. Nicole needs to send the prescription to her patient's email address. Which **Internet Protocol** is used during this process of sending the email ? *1*

(d) Dr. Nicole has installed Microsoft Outlook on her device that will retrieve all her mails from the mail server. Which **Internet Protocol** is being used to avail this service ? *1*

(e) Dr. Nicole, during her free time, likes to browse the Internet for articles on latest developments in the medical field. Which **Internet Protocol** does she use while browsing for such articles ? *1*

9. Write the HTML code to design a web page as shown below : *4*

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Attempt No.	**Distance**	**Average**
1	7·5 m	7 m
2	6·5 m	
3	7 m	

Consider the specifications as given below. **Students can write code for any 4 specifications out of the given 5 specifications.**

Specification-1 : The value of the table border attribute should be 2.

Specification-2 : Table header tag should be used wherever required.

Specification-3 : The table should contain exactly 5 rows and 3 columns. The data in each cell should be as shown in the above table.

Specification-4 : Attribute rowspan should be used wherever required.

Specification-5 : Attribute colspan should be used wherever required.

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