

CSKM Public School
Information and Communication Technology (ICT) Code No.:166
Class: X Pre-Board Exam (2017-18)

Time: 2 ½ hours

M.M.:40

General Instructions:

- (i) The question paper consists of 16 questions.
- (ii) All questions are compulsory; however internal choice has been given in few questions.

1. Multiple choice questions 5
 - a. Which of the following is not an output device?
 - i) Monitor
 - ii) Printer
 - iii) Speaker
 - iv) Digital Camera
 - b. The heart of the computer system is the _____
 - i) Control Unit
 - ii) CPU
 - iii) ALU
 - iv) Memory
 - c. _____ is permanently built into the computer at the time of production.
 - i) RAM
 - ii) Primary Memory
 - iii) ROM
 - iv) Auxiliary Memory
 - d. Impress is a _____ software.
 - i) Spreadsheets
 - ii) Word Processors
 - iii) Desktop publishing
 - iv) Presentation
 - e. It is a program or hardware device that filters the information coming through an internet connection to a network or computer system.
 - i) Antivirus
 - ii) Firewall
 - iii) Cookies
 - iv) Cyber safety
2. Which method (Get or Post) appends the form-data into the URL in name/value pairs. 1
3. Define Freeware. 1
4. Identify the tools used for the following purpose: 1
 - a. To lighten the colours in an image.
 - b. To shift one part of an image, a layer, a selection or a path to a direction and the other part to the opposite direction.
5. What is the significance of Application Software? 1
6. What is the difference between copyright and license? 1
7. Name any four tools used for Retouching an image in GIMP. 2

8. Write any four exclusive rights that a copyright owner possesses? 2

OR

Write the name of any four types of software licenses.

9. Differentiate between Blur and Sharpen tool. 2

10. Write the CSS code to: 2

i. Make all the text in paragraphs marked with <p> to be in capital letter(upper case).

ii. Make the text in the paragraphs marked with <p> tag to be of 30px size.

OR

List the advantages of using CSS.

11. Explain any three attributes of FRAME tag 3

12. Observe the following code carefully and answer the questions that follow: 3

```
<html>
<head>
<title>Example</title>
<style type="text/css">
li {
text-transform: uppercase;
}
</style>
</head>
<body>
<h1>Parts of Computer:</h1>
<ol>
<li> Visual Display Unit</li>
<li> Keyboard</li>
<li> Mouse</li>
<li> Central Processing Unit</li>
<li> Printer</li>
</ol>
</body>
</html>
```

Predict the output of the above code while explaining the effects applied on in the CSS code.

13. Body { color: red; background-color: black;} 3

i. In reference with the above CSS code, explain the usage of color and background-color property.

ii. Write a css code to use background-image and background-repeat property in body.

OR

DHTML is a combination of technologies. List and explain the technologies that can be used in DHTML.

14. Write HTML code to display the following table:

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Date Sheet

| Date | Subject |
|-------------|---------|
| 15-Jan-2018 | ICT |
| 19-Jan-2018 | Hindi |

Specifications:

- The title of the webpage is “Class 10 Preboard Datesheet”
- The Caption of the Table is Date Sheet.
- Date, Subject are Table Headings.

15. Carefully observe the following labeled screenshot and answer the questions that follow:

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Your Name : → **1**

Type your Address here:

.....

 → **2**

Choose setting type:

Do Not Disturb
 VIBRATE
 Active

 } → **3**

APP Preferences: GAMES NEWS ASTROLOGY → **4**

Choose Country: → **5**

- Identify the form element labeled as 1 and 2?
- Why has the form element labeled as 2 used to input the Address?
- Write HTML code to create the form element labeled as 3.
- Differentiate between the form element labeled 3 and the form element labeled 4.
- How can any one item be highlighted in the Dropdown box labeled as 5?

OR

Carefully read and answer the following questions with respect to HTML:

- What is a Form?
- What does a Form consist of?
- Which tag is used to insert a Form in a HTML document? Is it a container or a non container tag?
- What values can be used with the Method attribute of the Form?
- How is a Submit button different from a Reset Button in a Form?

16. Answer the following questions:

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- What are Layers?
- What is the purpose of using Layers?
- Abhay scanned a few photos but some of the scanned photos did not look colourful enough. How can he improve their tonal range?
- What steps should Shikha perform to enlarge the image of the Medical prescription of her Aunt which she has opened in GIMP?
- How is Flip tool different from Rotate tool?