CSKM Public School

Information and Communication Technology (ICT) Code No.:166

Class: X Pre-Board Exam-2 (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 disk is made up of a circular thin plastic jacket coated with magnetic material? (i) Hard Disk (ii) Compact Disk (iii) DVD (iv) Floppy Disk	
	b. According to the functioning of computers, they are divided into three categories namely _____, _____ and _____. (i) Mainframe, Supercomputer and Mini computer (ii) Analog, Digital and Hybrid (iii) Palmtop, PC and Desktop (iv) Micro-computers, Digital and Hybrid	
	c. _____ is a cabling technology for transferring data to and from digital devices at high speeds. (i) S-Video Port (ii) FireWire (iii) Ethernet Port (iv) PS/2 Port	
	d. There are two primary types of softwares namely _____ and _____. (i) General Purpose and tailor made (ii) Operating System and utility software (iii) Application Software and System Software (iv) None of the above	
	e. It is stealing ideas or creations of others. (i) Plagiarism (ii) Piracy (iii) Intellectual Property Rights (iv) All of the above	
2.	Name the attribute that is specified to set the width of a text in textfield in HTML	1
3.	Explain Workstation License.	1
4.	Identify the tools used for the following purpose: a. To resize the layer/image b. To create the mirror image	1
5.	Name any two utility softwares.	1
6.	What is the difference between hackers and crackers?	1
7.	Mention any 4 features of GIMP.	2
8.	What do you mean by open source softwares? How are they different from Proprietary softwares? OR What is the difference between Shareware and Freeware softwares?	2
9.	How is blur tool different from smudge tool?	2
10.	Write the CSS code to: a) change the foreground color of text to #ff0000 in h1 tags b) display the text of h1 tag in centre OR Name the CSS property which is used to : a. Insert a background image b. Control the behaviour of a background image	2

	c. Change the background colour d. Make all the text in small-caps	
11.	Explain any three attributes of <frameset> tag	3

12.	Observe the following code carefully and answer the questions that follow:
	
	``html
	<html>
	<head>
	<title>Example</title>
	<style type="text/css">
	li {
	letter-spacing:10px ;
	text-transform:uppercase;
	}
	</style>
	</head>
	<body> Creation of a project
	
	         - Analysis
	         - Design
	         - Coding
	         - Testing
	         - Maintenance
	
	</body>
	</html>
	``
	
	Predict the output of the above code while explaining the effects applied on - in the CSS code.
		3

13.	P { color: red; text-align: justify;}
	    I. In reference with the above CSS code, explain the usage of color and text-align property.
	    II. Write a css code to use background-color and text-indent property in P tag.
	
	OR
	
	List two advantages and 1 disadvantage of CSS.
		3

14.	Write HTML code to display the following table : Class X Board Datesheet | Date	Subject
---	---
Monday, 5th March 2018	ICT
Tuesday, 6th March 2018	Hindi | Specifications: The title of the webpage is "Date sheet" The Caption of the Table is Class X Board Datesheet Date and Subject are Headings given to the table.	3
15.	Carefully observe the following labeled screenshot and answer the questions that follow:	5

Registration Form

User Name : [_____] → 1

Password : [_____] → 2

Date of Birth : [3 ▾] - [Feb ▾] - [2003 ▾] → 3

Gender : ⦿ Male ○ Female → 4

Hobbies : ☐ Singing ☐ Dancing ☐ Reading → 5

[Submit] [Reset] → 6

a) Identify the form element labeled as 1 and 2?
b) Write the advantage of using a list drop down box while taking the date of birth.
c) Write HTML code to create the form element labeled as 4.
d) Differentiate between the form element labeled 4 and the form element labeled 5.
e) Identify the two form elements labeled as 6 and also write one difference between them.

16.	Answer the following questions:
	  a. What are Retouching tools in GIMP? Give two Examples of retouching tools.
	  b. How can you flatten an image?
	  c. Abhay scanned a few photos but some of the scanned photos have a colour casts. How can he improve the colour cast?
	  d. What steps should Shikha perform to enlarge the image of the Medical prescription of her Aunt which she has opened in GIMP?
	  e. What is the purpose of using Layers?
		5