KOTHARI INTERNATIONAL SCHOOL, NOIDA
ANNUAL EXAMINATION, SESSION: 2024-25
GRADE: 11   SUBJECT: WEB APPLICATIONS (803)
SET B

DAY & DATE: MONDAY- FEBRUARY 10, 2025
MAXIMUM MARKS: 60   **TIME ALLOTTED: 3 HOURS**
NAME: _____   **ROLL NO: _____**

GENERAL INSTRUCTIONS:
   i).   *This question paper consists of 23 questions in two sections: Section A and B*
   ii). *Section A has objective type questions, whereas Section B contains Subjective type questions.*
   iii). *All questions of a particular section must be attempted in the correct order.*

SECTION – A

1. Answer any 4 out of the 6 questions.

i. Which of the following method is used to receive information from the sender?   **(1)**

   (a) Listening
   (b) Speaking
   (c) Telling
   (d) Writing

ii. You are trying to get in shape in order to impress your friends. Is this an external motivation or Internal motivation?   **(1)**

iii. What is the shortcut key to copy a document?   **(1)**

iv. Which shortcut key will you use to start the spell checker?   **(1)**
   (a)F5
   (b) F7
   (c) F1
   (d) F9

v. A _____ idea is a solution that an entrepreneur thinks of, to serve the customer.   **(1)**

vi. Which of the following action will promote green economy?   **(1)**
   (a) Use of non-renewable resources
   (b) Sustainable development
   (c) Social protection
   (d) Creating jobs

2. Answer any 5 out of the 7 questions.

i. The information or data to be communicated through text, numbers, pictures, audio, and video is: **(1)**
(a) Sender
(b)Channel
(c)Message
(d)Receiver

ii. A device that converts analog signals to digital and vice versa: **(1)**

(a)Router
(b)Switch
(c)Modem
(d)Hub

iii. If you are sharing songs with your friend through Bluetooth it is a **(1)**

(a)LAN
(b)WAN
(c) PAN
(d) MAN

iv. A number of devices connected with each other through some transmission medium is: **(1)**

(a)Group
(b)Network
(c)Nodes
(d)System

v. _____ in the form of a router prevents malicious software from entering your network from outside the network: **(1)**

(a) Hardware firewall
(b) Anti-Virus
(c)Malware
(d) Gateway

vi. A set of rules that govern data communications and represent an agreement between the communicating devices is called _____ **(1)**

vii The speed of travel of a given amount of data from one place to another is called_____ **(1)**

3. Answer any 6 out of the 7 questions.

i. There are _____ heading tags in HTML **(1)**
(a)7

(b)6
(c)5
(d)4

ii.   Which HTML tag defines a paragraph?   **(1)**

(a) <para>
(b) <paragraph>
(c) <p>
(d) <text>

iii.   What attribute is required in the <img> tag to specify the image source?   **(1)**

(a) <source>
(b) <path>
(c) <file>
(d) <src>

iv.   What tag defines a table row?   **(1)**

(a) <tr>
(b) <row>
(c) <td>
(d) <TR>

v.   Which HTML tags define unordered lists?   **(1)**

(a) and
(b) and
(c) and
(d) <item> and </item>

vi.   Which HTML tag is used to create a hyperlink?   **(1)**

(a) <url>
(b) <link>
(c) <a>
(d) <href>

vii.   Which HTML tag is used to create a text input field in a form?   **(1)**

(a) <text_input>
(b) <input type="text">
(c) <data_entry>
(d) <field>

4. Answer any 5 out of the 6 questions.

i.   What does CSS stand for?   **(1)**

      (a) Creative Style Sheets
      (b) Computer Style Sheets
      (c) Cascading Style Sheets
      (d) Colorful Style Sheets

ii.   Which CSS property is used to change the text color of an element?   **(1)**

      (a) text-color
      (b) color
      (c) font-color
      (d) text-style

iii.   Which CSS property is used to control the spacing between lines of text?   **(1)**

      (a) line-height
      (b) text-spacing
      (c) line-spacing
      (d) text-line

iv.   What happens when a user submits a form?   **(1)**

      (a) The form disappears from the webpage.
      (b) The form data is sent to the program specified in the <action> attribute for processing.
      (c) The browser displays a confirmation message.
      (d) The behaviour depends on the specific form elements used.

v.   Which tag do you use to include an external CSS file in your HTML document?   **(1)**

      (a) <css> tag
      (b) <style> tag
      (c) <link> tag
      (d) <script> tag

vi.   What is the purpose of the <textarea> element in a form?   **(1)**

      (a) To create a single-line text input field.
      (b) To create a multi-line text input field.
      (c) To define a label for another form element.
      (d) To upload a file.

5. Answer any 5 out of the 6 questions.

i. The shortcut key to use the Select by Color Tool is _____. **(1)**

    (a) Ctrl + O
    (b) Ctrl + S
    (c) Shift + O
    (d) Shift + S

ii. Which tool is used to enlarge or shrink the size of the image? **(1)**

    (a) Zoom
    (b) Flip
    (c) Clone
    (d) Scale

iii. _____ is the correct combination to duplicate a layer. **(1)**

    (a) Shift + D
    (b) Ctrl + D
    (c) Shift + Ctrl +D
    (d)Shift + Alt + D

iv. The _____ filters can be used to add artistic effects to an image, such as making it look like a painting or a sketch. **(1)**

v. By default, the foreground colour is white and background colour is black in GIMP. Is this statement true or false? **(1)**

vi The _____ tool is used to select the areas of the image based on colour similarity. **(1)**

6. Answer any 5 out of the 6 questions.

i. What is the output of the given code? **(1)**
```
<script>
var x=10
var y=20
var sum=x+y
document.write(sum)
</script>
```

ii. What is thee output of the given code? **(1)**
```
<script>
var x=1/0
document.write(x)
</script>
```

iii.   _____ is used to convert string to integer value.   **(1)**

(a) Integer()
(b) ParseInt()
(c) parseInt()
(d) Stringtoinit()

iv.   Which of the following keywords is used to initialize variables in JavaScript?   **(1)**

(a) for
(b) getElement
(c) var
(d) Boolean

v.   An external JavaScript file will have the extension as: **(1)**

(a) .html
(b) .JavaScript
(c) .jc
(d) .js

vi.   Which of the following is not a valid variable name?   **(1)**

(a) grade_pay
(b) 2gradepay
(c) gradepay
(d) GradePay

Answer any 3 out of the 5 questions.

7.   Give two advantages of verbal communication?   **(2)**

8.   Define Teamwork?   **(2)**

9.   List the advantages of using word processor to write a letter?   **(2)**

10   Name few values of a successful entrepreneur?   **(2)**

11   What is green economy?   **(2)**

Answer any 3 out of the given 5 questions.

12   Differentiate between LAN and WAN?   **(2)**

13   How can you create a hyperlink in HTML? Explain the different attributes you can use with the <a> tag.   **(2)**

14   How can you change the font size and background color of elements using CSS?   **(2)**

15   What are data types in Javascript?   **(2)**

16   Explain about crop tool?   **(2)**

Answer any 2 out of the 3 given questions.

17   Describe the following network devices briefly.   **(3)**
      a) Switch b) Gateway

18   What are the three different ways to give colors in CSS?   **(3)**

19   Write a program to accept 2 numbers from the user and calculate the area of a rectangle   **(3)**

Answer any 3 out of the given 4 questions

20   Discuss Phishing and different types of Phishing Scams   **(4)**

21   Write the html code for the given table?   **(4)**

NAME	CLASS	STREAM
XYZ	XI	HUMANITIES
ABC	XII	SCIENCE
BCD	XI	COMMERCE

22   The following program is given using if...else if. Use the same program to convert using switch..case without changing the meaning of the program: **(4)**

```
<script>
var grade=parseInt(prompt("Enter grade of employee"))
if (grade=="A")
document.write("You are Vice President")
else if(grade=="B")
document.write("You are LEVEL 1 Officer")
else if(grade=="C") document.write("You are a Trainee")
else
document.write("You are not employed")
</script>
```

23   a)Use the for loop to print even numbers between 100-200.   **(4)**
      b) write a program to display whether the person is eligible for voting or not?