

KOTHARI INTERNATIONAL SCHOOL, NOIDA
PRE-BOARD EXAMINATION-1, SESSION: 2023-24
GRADE: 12 SUBJECT: WEB APPLICATIONS (803)
SET B

DATE & DAY: 2nd NOVEMBER 2023, SATURDAY

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 helps in maintaining a positive outlook in life in the long run? **(1)**
 - (a) Spending time alone
 - (b) Overthinking
 - (c) Disorganized academics
 - (d) Healthy diet and adequate sleep

- ii.** Ms. Rita is preparing result of her class in a spreadsheet. She wants to arrange data in the decreasing order of total marks obtained by the students. Suggest a suitable tool in Spreadsheet that can help her out. **(1)**

- iii.** Which of the following kinds of communication do students spend most time engaged in: **(1)**
 - (a) Listening
 - (b) Speaking
 - (c) Reading
 - (d) Writing

- iv.** _____ is a company that is the first stage of its operation. **(1)**
 - (a) Enterprise
 - (b) Business
 - (c) Startup
 - (d) Industry

- v.** Full form of CNG is: **(1)**
 - (a) Compressed Natural Gas
 - (b) Clean Natural Gas

- (c) Combined Natural Gas
- (d) Compressed Nitrogen Gas

- vi. Rohan has feelings of emptiness, abandonment and suicide. What type of personality disorder is this? (1)
- (a) Borderline
 - (b) Dependent
 - (c) Avoidant
 - (d) Obsessive

2. Answer any 5 out of the 7 questions.

- i. Which of the following is not a web browser? (1)
- (a) Opera
 - (b) Mosaic
 - (c) EPS
 - (d) MIE
- ii. _____ is the simplest and fastest tool in its category which has ability to extract long VOB clips in few seconds (1)
- (a) Zwei-Stien Video Editor
 - (b) AVITricks Video Editor
 - (c) DVDKnife
 - (d) AVI Trimmer
- iii. Movies consist of a series of _____ sometimes with embedded audio information. (1)
- (a) Audio files
 - (b) still images,
 - (c) web files
 - (d) word files
- iv. _____ can create 2D & 3D special effects and can work in two modes – as a standalone application which would appeal for home users/beginners, and as a “plug-in” to video editors/NLEs which would be more useful for professional editors. (1)
- v. The _____ enables us to view individual clips or an entire project before publishing it as a movie in Windows Movie Maker. (1)
- (a) preview monitor
 - (b) task pane
 - (c) story board
 - (d) collection pane
- vi. Which of the following creates a free flash widget to embed into a website ? (1)
- (a) MixPod
 - (b) Google Reader
 - (c) MP3 Player
 - (d) Yahoo! Media Player
 - (e) Odex MP3 Player
- vii. _____ is developed to convert videos into HTML5 supported WebM, MP4, and OGG formats. (1)

- (a) Easy Video
- (b) Easy HTML5 Video
- (c) Oembed
- (d) Vimeo Embed Code

3. Answer any 6 out of the 7 questions.

- i.** Which of the following files can be viewed in a web browser? (1)
(a) test.docx (b) test.java (c) test.html (d) test.txt

- ii.** Which of the following program over the web runs sound card? (1)
(a) midi file (b) presentation (c) html (d) image

- iii.** Expand JPEG. (1)

- iv.** .EPSI stands for (1)
(a) Enriched picture script image
(b) Encapsulated post script with preview image
(c) Enriched Post Script Format
(d) Encapsulated Post Script Interleave

- v.** <BG SOUND> tag works only in _____ browser. (1)

- vi.** Quick Media Converter is another Windows-based converter for _____. (1)
(a) Image and sound
(b) Video
(c) Audio
(d) Audio and video.

- vii.** Free Video Coding is an online service which helps us to create a _____. (1)
(a) images (b) web video player (c) sound (d) space

4. Answer any 5 out of the 6 questions.

- i.** Which file format is composed of a field of pixels, each characterized by a color and is usually created in paint programs ? (1)

- ii.** Consider the JavaScript code given below and write necessary code to alert the browser that the code following this is in JavaScript. (1)
<script type=_____ src="simples.js"></script>

- iii.** are used to explain the code and make it more readable in JavaScript programs (1)

- iv.** Write javascript statement to extract "URO" from the string EUROPE? (1)

- v. Which of the following extensions is used for files created in Photoshop ? (1)
(a) .PSD (b) .PTP (c) .PPT (d) .STP
- vi. In JavaScript, the definition of a function starts with____ (1)
(a) With the Return type, Function keyword, Identifier and Parentheses
(b) With the Identifier and Parentheses
(c) With the Return type and Identifier
(d) With the Identifier and Return type

5. Answer any 5 out of the 6 questions.

- i. To import scripts from external JavaScript files, save the code in a text file with the .js extension without the_____ and comments. (1)
(a) filename (b) javascript code (c) script tags (d) images
- ii. The term rich media is synonymous for _____ multimedia. (1)
- iii. Write the output of the following code (1)
isNaN(4)
- iv. Assume variable A holds 2 and variable B holds 3 then output of (A | B) is _____. (1)
- v. Write a statement whether $22/4$ is finite or not (1)
- vi. && is a type of _____ operator in JavaScript (1)

6. Answer any 5 out of the 6 questions.

- i. What are Add ins? (1)
- ii. _____ is a tool that scans a web page for any technical errors or SEO issues that can have negative impact on search engine ranking.. (1)
- iii. While designing a web page, a proper balance must be maintained between____ (1)
(a) simplicity and page length.
(b) visual design and code
(c) code and simplicity
(d) visual design and animation
- iv. In order to have fixed positions for common elements and modifiable designated portions on each web page, one can use _____ (1)
(a) Design Web Page (b) Dynamic Web Template (c) Draw Template (d) Defined Template
- v. Description can be added to a web page using _____ tags. (1)
(a) BODY
(b) META

- (c) DATA
- (d) FORM

vi. Search engines crawl a website and hence referred to as _____ (1)

Answer any 3 out of the 5 questions.

7. Mention two advanced features of digital presentation? (2)

8. State some barriers to becoming an entrepreneur. (2)

9. Describe the role of body language in communication. Provide examples of how body language can complement or contradict verbal messages.. (2)

10 List out any two roles of Green jobs (2)

11 Write down the steps to protect your spreadsheet in Calc? (2)

Answer any 3 out of the given 5 questions.

12 Write any two main (best) features of WAX? (2)

13 Write the output of the given code : 2 (2)

```
<html>
<body>
<script>
s= ["Have", "a", "nice", "day"]
s.reverse();
for (i=0;i<s.length;i++)
document.write(s[i]);
</script>
</body> </html>
```

14 How does a search engine display web pages on the basis of keywords that the user enters ? (2)

15 Explain the terms object properties and object methods in JavaScript. (2)

16 Write a function to accept response of a confirm box in javaScript from the user and display whether user has pressed “OK” button or “Cancel” button (2)

Answer any 2 out of the 3 given questions.

17 Explain about SEO? (3)

- 18 Answer the following questions with respect to trimming of a video clip in Windows Movie Maker : (3)
- (a) What happens to the start and/or end trim points when a clip is trimmed ?
 - (b) Which component of Windows Movie Maker Interface is used to trim a video clip ?
 - (c) What happens to the trimmed part of the clip ?
- 19 Write any three features of a dynamic web template.. (3)

Answer any 3 out of the given 4 questions

- 20 (a) Write any three features of oEmbed. (4)
- (b) What is Quick Media Converter ? Does it provide any embedded code ?
- 21 Write a script to accept five names from user, store them in an array and display the sorted array? (4)
- 22 How is switch statement different from an if statement in JavaScript ? Explain with suitable examples. Also explain, when does happen in a switch statement. (4)
- 23 Consider the string “Life is Beautiful”. Write a function ‘mystring’ that performs the following tasks: (4)
- (a) Displays the length of the string
 - (b) Reverses the string and displays it
 - (c) Displays the string after replacing space in the string with *
 - (d) Find the position of the first occurrence of ‘if’ and display it.