**Indian School Al Wadi Al Kabir**

**Class: X Session: 2023-24**

**Computer Applications (Code 165)**

**Sample Question Paper (Theory)**

**Maximum Marks: 50 Time Allowed: 2 hours**

 **General Instructions:**

**1. This Question Paper has 5 Sections A-E.**

**2. All Questions are compulsory. However, internal choices have been provided in some of the questions.**

**3. Section A has 12 questions carrying 01 mark each.**

**4. Section B has 7 Short Answer (SA-I) type questions carrying 02 marks each.**

**5. Section C has 4 Short Answer (SA-II) type questions carrying 03 marks each.**

**6. Section D has 1 Long Answer (LA) type question carrying 04 marks.**

**7. Section E has 2 Source based /Case-based /Passage based Questions carrying 04 marks each.**

**SECTION – A**

(All questions are compulsory)

1. Which of the following will produce a solid circle bullet when given as value of type with <UL>?

(a) Circle (b) Disc (c) Square (d) Rectangle

2. The tags used for specifying the style in HTML are

(i) <B> (ii) <I> (iii) <M> (iv) <L>

 Choose the correct one.

 (a) (i) and (ii)

 (c) (ii) and (iv)

3. Which of the following is not HTML list?

 (a) Ordered (b) Unordered

 (c) Definition (d) Detailed

4. Which of the following is a system for ensuring the security of financial transactions on the Internet?

 (a) SSL

 (b) SET

 (c) URL

(d) FOI

5. Example(s) of HTML editor is/are

(a) Notepad

(b) Dreamweaver

(c) Microsoft frontpage

 (d) All of these

 6. Which of the following term is used when information should be available wherever required within time limit?

 (a) Authenticity

(b) Integrity

(c) Availability

(d) Confidentiality

 7. To start a list with number 3, we should write

(a) <0L s t a rt ="3" > (b) <0L t ype="3 ">

(c) <0L va l ue=" 3"> (d)All of these

8. Which of the following tag specifies an input field?

(a) <INPUT> (b) <OUTPUT>

(c) <HEAD> (d) <TITLE>

9. Which type of fraud method also exists in wholesale?

(a) Merchant fraud (b) Refund fraud

(c) Friendly fraud (d) Fraud via identity theft

10. Which of the following will give smallest size of the text?

(a) <H3> (b) <H6> (c) <H2> (d) <H4>

**Questions No-11 & 12 are Assertion and Reason types. Each question consists of two statements, namely, Assertion (A) and Reason (R). Select the most suitable option considering the Assertion & Reason.**

11. Assertion (A): Search engine is a hardware device that searches for any websites on the World Wide Web.

Reason (R): Google Search and Microsoft’s Bing are two popular search engines.

(a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).

(b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

(c) Assertion (A) is true and Reason (R) is false.

(d) Assertion (A) is false and Reason (R) is true.

12. Assertion (A): CSS saves a lot of work. It can control the layout of multiple web pages all at once.

Reason (R): All the required style settings can be stored in an external stylesheet and a link to it can be added in the <head> section of each web page.

(a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).

(b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

(c) Assertion (A) is true and Reason (R) is false.

(d) Assertion (A) is false and Reason (R) is true.

**SECTION –B**

(2 marks each)

13. Write any two points of comparison in between SMS and MMS.

14. What is e-Learning? Mention its two main advantages.

**OR**

Briefly discuss the role of e-governance in any country’s growth and development.

15. Compare 3G and 4G mobile technologies on any two major points.

16.Which software are termed as open-source software? Name any two such software.

**OR**

What do you understand by the term Intellectual property right? Discuss briefly.

17.Mention any two purposes of using comments while designing a HTML webpage.

18. Twisha has got confused with a few tags and their attributes. Help her match the tag with correct attribute.

1. <font> i. align

2. <a> ii. face

3. <h1> iii. colspan

4. <td> iv. href

**OR**

Mention any two attributes of <font> tag along with their purposes.

19.Write suitable html statements to display the following text on a webpage in appropriate subscript and superscript form:

 a.CO2

 b.X2

**SECTION –C**

(3 marks each)

20. What do you understand by the term “Digital Divide”? Mention any two measures to overcome it.

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21. Write the full form of the following protocols :

(a) HTTPS

(b) TCP

(c) SSH.

22. Write any two differences between proprietary and open-source software. Define e-Commerce.

23. Mr. Amit is a new Internet User. You, being his friend suggest to him some tips which he should follow while using the internet.

**SECTION –D**

(4 marks)

24. Customer Analytics firm needs to design a survey form as shown below:



Write the suitable HTML code to design it.

**OR**

Observe the screenshot of the given web page:



**SECTION - E**

(4 marks each)

Case Study-I

Suresh is a cyber expert . He told his friend that, if you are using social media then you should follow some rules for good netiquettes. His friend does not know about the term netiquette then Suresh told him.

Netiquette, abbreviation of Internet etiquette or network etiquette, guidelines for courteous communication in the online environment. It includes proper manners for sending E-mail, conversing online and so on. Much like traditional etiquette, which provides rules of conduct in social situations, the purpose of netiquette is to help construct and maintain a pleasant, comfortable and efficient environment for online communication as well as to avoid placing strain on the system and generating conflict among users.

Netiquette includes rules that provide guidance for appropriate social interaction and technical performance online.

Based on the given information, answer the questions 1 to 5.

1) Netiquette is short for

 (a) Etiquette

(b) Internet etiquette

(c) Network etiquette

(d) None of these

2) Important rule of netiquette is

(a) never flame a friend

(b) smiley in every message

(c) remember human

(d) None of these

3)Which of the following is a code of good behaviour on the Internet?

(a) Etiquette (b) Netiquette

(c) Manners (d) All of these

4)Is it correct to reply to negative comments with more negative comments?

(a)True (b) False

(c) Sometimes (d) Depend on comments

5) Which of the following is not a rule of good netiquette?

(a) Do not use offensive language

(b) Never spam others

(c) Trust other when you are new on social media

(d) Respect other's privacy

**Case Study -2**

26. It is an era of Internet and we as a netizen spend most of our time in the cyber world. Saumya, a class X student, is new to the cyber world. Help her in the following:

a.Suggest any two netiquettes, which she should follow in order to become a good netizen.

b.As the last day was approaching, so one of her friends has just submitted the science project by copying and pasting from the internet, without even acknowledging the original source. Is this the right act or wrong? Name the term which is being used for this act.

c.E-commerce is growing exponentially and so is the risk involved in it. Mention any two common E-commerce frauds in order to make Saumya aware about it.

d.Suggest her any two precautions to be taken while using E-commerce.