BK BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL
PRE BOARD -3 EXAMINATION 2024-25

COMPUTER APPLICATION (165)

Class : X   **Duration : 2 Hrs**
Date   : 09-01-2025   **Max. Marks : 50**
Admission No.:   **Roll No.:**

General Instructions:

Try to attempt all questions as per given order.

All questions are compulsory.

The Question Paper is divided into three sections Section A to C.

- Section A has 12 questions. It carries 1 mark each.
- Section B has 7 questions. It carries 2 marks each.
- Section C has 4 questions. It carries 3 marks each.
- Section D has 3 question. It carries 4 marks each.

Section-A (1 mark each)

1. Shreya wants to securely copy files between two Servers or two connected machines over the Internet. Which Protocol should she prefer for getting her task completed?   1
   a) FTP   b) HTTP   c) SCP d) Telnet

2. Which of the following is not an e-governance project in India?   1
   a) www.drdo.nic.in b) www.passport.gov.in c) www.incometaxindia.gov.in d) www.flipkart.com

3. Which tag besides <B> can be used to make the text bold in HTML?   1
   a) Strong b) Dark c) Fat   d) I

4. Which one of the following is not an e-commerce website ?   1
   a) Snapdeal b) Amazon c) Disksha   d) Myntra

5. HTML is a markup language which is used to design: 1
   a) Web pages   b) Documents c) Posters   d) Brochures

6. How many types of HTML tag is available ?   1
   a) One   b) Two   c) Three   d) Four

7. What is the full form of SMTP?   1
   a) Simple Message Transfer Protocol b) Secure Message Transmission Protocol
   c) Simple Mail Transfer Protocol   d) Secure Mail Transit protocol

8. Which of the following code is used to place copyright symbol on webpage ?   1
   a)   b) ©   c) ®   d) None of these

9. Choose the most appropriate statement of MMS ?   1
   a) Sending video files   b) Sending audio file c) Sending text files only
   d) Sending multimedia content.

10. The attribute of the <img> tag used to specify the location of an image is _____.   1
    a) img b) alt   c)src   d) name

11. Assertion (A) : A set of rules, used over the networks, is called a Protocol   1
Reason (R) : HTML is an example of a Protocol.
(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 and 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) : Chat and e-mail are live/real time conversation between people/machines.   1
Reason (R) : We have to be online in both
(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 and 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. Mishika, a class X student, wants to use a software but does not want to pay for it.   2
Which type of software can she use? Write one example of this type of software.

14. a) Write any two differences between e-Banking and e-Commerce.   2
OR
b) What is e-learning? Name any one e-learning platform.

15. State whether the following statements are True or False: 2
a) HTML file extension is .tml.
b) Rowspan attribute is used to make a cell span multiple rows.
c) Unordered list type creates a bulleted list.
d) HREF Stands for hyper reference.

16. What is the difference between <TH> and <TD> tags ? Give example.   2

17. What is the purpose of HTML forms? Write HTML Code to create a Textbox in an HTML form.   2

18. A) An incomplete CSS code within <head> . . . </head> is given below. Complete   2
this code by filling in the blanks as per the specifications that follow:
<head>
<style>
body {_____ : blue; } **<!--line 1 -->**
p {
_____: green; **<!--line 2 -->**
_____: Dotum; **<!--line 3 -->**
}
_____ **<!--line 4 -->**
{
Color : black;
}
</style>
</head>

Line 1: Page background colour should be *Blue.*
Line 2: Colour of the Paragraph text should be *green.*
Line 3: Font family of the Paragraph text should be *Dotum.*
Line 4: The biggest heading should be *black* in colour.

19. Hemant, a class X Student, is writing HTML code to create ordered and unordered lists for a webpage as follows: 2
```
<html>
<body bgcolor="yellow">
<h1>My First Heading <_____> <!-- line 1 -->
<p>
<font color="red" size="5"
_____="Times New Roman"> <!-- line 2 -->
SOME STATES IN INDIA
</p>
<ul>
<li>DELHI: <_____> <!-- line 3 -->
<li>MUMBAI </li>
<_____> <!-- line 4 -->
```
Based on the above code fill in the blanks given in line 1, line2, line 3, and line 4 so that Hemant's webpage displays output correctly?

Section – C (3 marks each)

20. The following HTML statements are not written properly. Re-write the correct statements with underlined corrections. The desired purpose of each statement is mentioned under it.
    a) <BODY color="red">
    <!--Page background color should be red**-->**
    b) <FONT type="arial">
    <!--Type of Font should be Arial**-->**
    c) <img source="img_girl.jpg" size="500" height="600">
    <!—Image source should be img_girl.jpg, width and height both should be 500**-->**

21. Write suitable HTML statements to display the following text on a webpage: 3
    a) NH3
    b) X3
    c) (A+B)3

22. Consider the URL: **https://www.bkbirlacentre.co.in** and answer the following questions: 3
    a) Which component identifies the protocol?
    b) What is the significance of "s" in https?
    c) Expand the terms URL and WWW?

23. Write any two ways to add an audio file in a web page using HTML? Explain with sample code. 3

Section – D (4 marks each)

24. Based on the following information, answer the questions which follows:
    Shresth was a bright student who excelled in academics and extracurricular activities. He intent to take some quotes and literature from internet to write an Article for Newspaper.

a) Identify the type of ethical issue he will face, in case he copies the work as discussed in the above case study.

b) Does the above incident described above can be considered as example of IPR (Intellectual Property Rights) Violation?

c) How can he avoid this ethical issue?

d) Suggest two netiquettes that Shresth's classmates must be aware of.

25. Write the HTML code to design the web page as shown below: -   4

26. Write the HTML code to design the web page as shown below (Table border should be 2, height=100 and width=300 with cellpadding =20):   4

***** BEST OF LUCK *****