



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)
MARKING SCHEME

Class : X
Date : 09-01-2025
Admission No.:

Duration : 2 Hrs
Max. Marks : 50
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 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 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
Reason (R) : HTML is an example of a Protocol. 1
(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.

Ans: Freeware or Free and Open-Source 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.

Ans:

e-Banking	e-Commerce
Used for banking services only.	Used for commercial services.
It is the name given to the process where a customer is allowed to use internet to access his bank account.	It is the name given to trading activities that are conducted using Internet

OR

E-LEARNING: Learning that takes place in an electronically simulated environment like web-based learning or trainings.

Platforms example: DIKSHA Portal

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.

Ans: a) False b) True c) True d) True

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

Ans: <TH> is create a table header and <TD> for creating table data. They are tags of table tg.

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

Ans: HTML forms are means to collect information/ data from the site visitor .

```
<input type="text" name="USERNAME" >
```

18. A) An incomplete CSS code within <head> . . . </head> is given below. Complete this code by filling in the blanks as per the specifications that follow: 2

```
<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.

Ans: Line 1: bgcolor
Line 2: color
Line 3: Font-family
Line 4: H1

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, line 2, line 3, and line 4 so that Hemant's webpage displays output correctly?

Ans: Line 1: </h1>
Line 2: type
Line 3:
Line 4:

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)
<!--Type of Font should be Arial-->
c)
<!--Image source should be img_girl.jpg, width and height both should be 500-->

Ans: The correct code is
a) <BODY bgcolor = "red" >
b)
c)

21. Write suitable HTML statements to display the following text on a webpage:

3

a) NH₃
b) X³
c) (A+B)³

Ans: 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?

- Ans: a) https
 b) It signifies that the transmission of information over the network is secure.
 c)) URL: Uniform Resource Locator and WWW: World Wide Web
23. Write any two ways to add an audio file in a web page using HTML? Explain with sample code. 3

- Ans: a) Using < EMBED > tag
 <EMBED SRC = "audio.mp3" >
 b) Using <Audio> tag
 < AUDIO controls>
 <source src="horse.mp3" >
 Horse.mp3
 </AUDIO>

Section – D (4 marks each)

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

FEEDBACK FORM

USERNAME :

GENDER : MALE FEMALE

SELECT OUR BEST FOOD ITEMS :

CHOLE BHATURE

BURGER

RAWA DOSA

PANEER TIKKA

HOW'S OUR STAFF BEHAVIOUR:

EXCEPTIONALLY GOOD
 VERY GOOD & POLITE
 GOOD
 COULD BE BETTER

- Ans: <html>
 <head>
 <title> FEEDBACK FORM
 </title>
 </head>
 <body>
 <form>
 <H1 >FEEDBACK FORM</H1>

 USERNAME: <input type="TEXT" NAME="ENAME1"
 SIZE="30" VALUE="ENTER USER NAME ">

 GENDER: <input type="Radio" NAME="GENDER"> MALE
 <input type="Radio" NAME="GENDER" VALUE="FEMALE"> FEMALE

 SELECT OUR BEST FOOD ITEMS :

 <INPUT TYPE="CHECKBOX" NAME="FOOD" VALUE="CHOLE BHATURE" >
 CHOLE BHATURE

 <INPUT TYPE="CHECKBOX" NAME="FOOD" VALUE="BURGER" >BURGER

 <INPUT TYPE="CHECKBOX" NAME="FOOD" VALUE="RAWA DOSA">RAWA
 DOSA


```

<INPUT TYPE="CHECKBOX" NAME="FOOD" VALUE="PANEER TIKKA">PANEER
TIKKA<BR>
<BR>
HOW'S OUR STAFF BEHAVIOUR:<SELECT NAME="LIST NAME">
<OPTION>EXCEPTIONALLY GOOD
<OPTION>VERY GOOD & POLITE
<OPTION>GOOD
<OPTION>COULD BE BETTER
</SELECT>
<BR> <BR>
</body></html>

```

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

EMPLOYEE TABLE		
EMPLOYEE ID	EMPLOYEE NAME	DEPARTMENT
1	ANKIT	SALES
2	HEMA	HR
3	MANISH	FINANCE

```

<html>
<head>
<title> Working with table
</title>
</head>
<body>
<TABLE BORDER="2" HEIGHT="100" WIDTH="300" CELLPADDING="20" >
<TR><TH COLSPAN="3" ALIGN="CENTER">EMPLOYEE TABLE</TH> </TR>
<tr>
<td>EMPLOYEE ID </td>
<td>EMPLOYEE NAME</td>
<td>DEPARTMENT</td>
</tr>
<tr>
<td>1</td>
<td>ANKIT</td>
<td>SALES</td>
</tr>
<tr>
<td>2</td>
<td>HEMA</td>
<td>HR</td>
</tr>
<tr>

```

Ans:

```
<td>3</td>  
<td>MANISH</td>  
<td>FINANCE</td>  
</td>  
</body> </html>
```

24. Based on the following information, answer the questions which follows: 4
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.

- Ans.
- a) Plagiarism
 - b) No, it cannot be considered as an example of IPR Violation.
 - c) He can avoid it by acknowledging the sources and giving credits to the sources.
 - d) Any two netiquettes:
 - i. One should respect others online.
 - ii. One should not bully anyone and avoid heartful or hateful comments.

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