



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

PRE BOARD - II (2025-26) COMPUTER APPLICATION (165)

Class : X
Date : 15-12-2025
Admission No.:

Duration: 2 Hrs.
Max. Marks : 50
Roll No.:

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
- 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.

Q. No.

Section-A (12 x 1 = 12 Marks)

This section contains 12 Multiple Choice questions carrying 01 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?
a) FTP b) HTTP c) SCP d) Telnet 1
2. The acronym SSH stands for_____.
a) Safe Shell b) Software Shell c) Secure Shell d) Simple Shell 1
3. Which of the following is not an e-governance project in India?
a) www.drdo.nic.in b) www.passport.gov.in c) www.incometaxindia.gov.in
d) www.flipkart.com 1
4. What is the full form of SMTP?
a) Simple Message Transfer Protocol b) Secure Message Transmission Protocol
c) Simple Mail Transfer Protocol d) Secure Mail Transmit Protocol 1
5. M in HTML stands for:
a) Modify b) Management c) Multiple d) Markup 1
6. A _____ is an online journal or informational website run by an individual, group, or corporation that offers regularly updated content about a topic.
a) News group b) Blog c) WWW d) e-Groups 1
7. What does TCP/IP stands for?
a) Transmission Control Program/Internet Protocol b) Transfer Control Program/Internet Protocol
c) Transfer Control Protocol/Internet Provider d) Transmission Control Protocol/Internet Protocol 1
8. Which of the following is an attribute of the <body> tag?
a) vlink b) face c) color d) font-size 1

9. Which of the following is the use of VoIP technology? 1
 a) Transmitting multimedia content over the internet b) Sending and receiving emails
 c) Making voice calls over the internet d) Hosting websites on servers
10. Which of the following best describes the main responsibility of a web server? 1
 a) Storing files on a local device b) Transmitting data across the internet
 c) Hosting websites and delivering content to web browsers d) Encrypting files to ensure secure

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):** FTP is used for transferring files over a network. 1
Reason (R): FTP encrypts all file transfers for secure communication.
 (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):** 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 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 (7X2 = 14 Marks)

This section contains 07 Short Answer type questions carrying 02 marks each.

13. What is the importance of comments? Write the syntax for writing comments in an HTML page. 2
14. Sanaya, a Class X student, enjoys learning through online platforms. What is this approach of studying called? Mention any two advantages of using this approach. 2
OR
 What do you understand by the term web-address? How is it different from an email address?
15. State whether the following statements are True or False: 2
 i) HTML file extension is .tml.
 ii) Rowspan attribute is used to make a cell span multiple rows.
 iii) Unordered list type creates a bulleted list.
 iv) HREF Stands for hyper reference.
16. a) Your best friend emails you and tells you that he/she has created a webpage on an internet site having URL as: www.children.com/india/~abc.html 2
 Now you want to create a link to this web page from your web page. Write the HTML code to do this.
OR
 b)
 i) Write HTML code to display Horizontal line of red colour.
 ii) Write HTML Code to create a paragraph whose text colour is blue.
17. Write any two points of comparison in between SMS and MMS. 2

18. An incomplete HTML code of a webpage is given below. Fill in the empty spaces in the <style> tag to meet the specifications given. 2

```
<html>
<head>
<title>CSS Demo</title>
<style>
body {
: Yellow;
}
h1 { : Red; : Arial;
}
p {
: 16px;
}
</style>
</head>
<body>
<h1>Welcome to My Webpage</h1>
<p>This page demonstrate CSS styling.</p>
</body>
</html>
```

Specifications

- Set the background color of the webpage to Yellow.
- The heading (<h1>) should have a Red color and use the Arial font.
- The paragraph text (<p>) should have a font size of 16px.

OR

Nisha, a Class X student, is designing an HTML page to display a description list and an ordered list for her project. She writes the following code:

```
<html>
<body bgcolor="lightgrey">
<h2>Indian Cities</h2>
<dl>
<dt>Mumbai</dt>
<dd>The City of Dreams</dd>
<dt>Kolkata</dt>
<!-- line 1 -->
</dl>
<p>Popular Cities in India:</p>
<ol type=" " start=" "> <!-- line 2 -->
<li>Delhi</li>
<li>Mumbai</li>
<!-- line 3 -->
</ol>
</body>
</html>
```

Based on the above code, fill in the blanks in line 1, line 2, and line 3 as per specifications given below.

- In line 1, add the description "The City of Joy" for Kolkata.
- In line 2, specify the type of ordered list as Roman numerals and set the starting value as 5.
- In line 3, add the name of another city Chennai as the third list item.

19. Write suitable html statements to display the following text on a webpage in appropriate subscript and superscript form: 2
- a) CO₂ b) X₂

Section-C (4X3 = 12 Marks)

This section contains 04 Short Answer type questions carrying 03 marks each.

20. Rajat, a web developer, wants to show a video named "tiger.mp4" in dimensions of 300px width and 200px height on the web page. Help Rajat by writing its html code. 3
21. Suchita is examining a URL <https://www.data.gov.in/> and has a few questions. Help her by providing answers to the following questions. 3
- i) Which part of the URL represents the protocol?
ii) What is the meaning of "s" in https?
iii) What do the abbreviations URL and WWW stand for?
22. Ronaldo, a web designer in a start-up company, wants to give headings in a webpage through <h1> tag. Additionally, he wants to implement following styles on all the <h1> tag of the same webpage at one go. 3
- Color-blue
-Background color-yellow
-border of the heading - 2px in red
- He is not able to implement the above-mentioned additional styles of <h1> tag through regular html code. Suggest him a way out and also help him in writing the code for same
23. The following HTML statements contain errors. Rewrite the correct versions of these statements with underlined corrections, following the given specifications: 3
- i) Click Here **Specification:** The color of the hyperlink when it's clicked should be pink.
ii) <TITLE font="16px">My Webpage</TITLE>
Specification: The webpage title should be 'My Webpage' without any font-related attributes.
iii) Welcome to my website!
Specification: The text should use the Arial font, size 12.

Section-D (1X4 = 4 Marks)

This section contains 01 Long Answer (LA) type question carrying 04 marks.

24. Answer the following Questions. 4
- i) Which HTML tag is used for inserting an image on a webpage ?
ii) Rahul wants to display an image 'logo.jpg' on a webpage. Write the HTML command he should use to insert the image.
iii) On the same webpage, Rahul wants to create a link to another webpage 'aboutus.html' when the image is clicked. Write the HTML command he should use.
iv) Explain the use of the "alt" attribute in the HTML Image tag.

Section-E (2 X 4 = 8 Marks)

This section contains 2 Source based /Case-based /Passage based Questions carrying 04 marks each.

25. Meera is a creative student who loves to design posters for her school events. While preparing a poster for a cultural festival, she downloaded images and content from the internet without seeking permission or giving credit to the original creators. 4
- Based on the above information, answer the following questions:**
- i) Can this incident be considered a violation of Intellectual Property Rights (IPR)?
Why or why not?
 - ii) Mention the type of Intellectual Property Rights violation committed by Meera.
 - iii) How can Meera avoid this ethical issue while preparing her poster?
 - iv) Suggest any two netiquettes that Meera's classmates should follow when using online resources.
26. Mr. Ravi recently bought a new smartphone and began exploring online platforms. He decided to book a train ticket to visit his hometown and searched for a booking website which looks very much like the original website. After entering his personal and payment details, he noticed that money had been deducted from his account, but he didn't receive any booking confirmation. He then realized that he has been a victim of fraud. 4
- Based on the above information, answer the following questions:**
- i) What kind of fraud is Mr. Ravi a victim of?
 - ii) Which sensitive information may have been exposed due to the fraudulent activity?
 - iii) What should Mr. Ravi have checked in the URL before entering his details online?
 - iv) What steps can Mr. Ravi take to protect his financial information in the future?

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