



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)

MARKING SCHEME

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

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

SECTION – A ($1 \times 12 = 12$ Marks)

1. c) SCP
2. c) Secure Shell
3. d) www.flipkart.com
4. c) Simple Mail Transfer Protocol
5. d) Markup
6. b) Blog
7. d) Transmission Control Protocol/Internet Protocol
8. a) vlink
9. c) Making voice calls over the internet
10. c) Hosting websites and delivering content to web browsers
11. c) Assertion (A) is true and Reason (R) is false.
12. c) Assertion (A) is true and Reason (R) is false.

SECTION – B ($2 \times 7 = 14$ Marks)

13. Importance of comments & syntax

- **Importance:**
Comments help explain code, improve readability, and guide future editing.
- **Syntax:**
<!-- This is a comment -->

14. Online learning approach & advantages

Approach: E-learning / Online learning / Digital learning

Advantages (any two):

- Learn anytime, anywhere
- Access to multimedia content
- Self-paced learning
- Wide variety of resources

OR

Web-address: The unique address of a webpage (URL).

Difference:

- Web address points to a *webpage*.
- Email address is used for *sending & receiving emails*.

15. True/False

- i) False
- ii) True
- iii) True
- iv) False (HREF stands for **Hypertext Reference**)

16. HTML Link Creation

a) Link to friend's webpage:

```
<a href="http://www.children.com/india/~abc.html">Visit Friend's Page</a>
```

OR

b(i) Red horizontal line:

```
<hr color="red">
```

b(ii) Blue paragraph text:

```
<p style="color: blue;">This is a paragraph.</p>
```

17. Two differences between SMS & MMS

- SMS sends **text messages only**; MMS sends **text + images/audio/video**.
- SMS has **160-character limit**; MMS has **no strict limit**.

18. CSS Fill-in-the-blanks

Completed CSS code:

```
body {  
    background-color: Yellow;  
}  
h1 {  
    color: Red;  
    font-family: Arial;  
}  
p {  
    font-size: 16px;  
}
```

OR

Line 1:

<dd>The City of Joy</dd>

Line 2:

<ol type="I" start="5">

Line 3:

Chennai

19. Subscript and Superscript

CO₂

X²

SECTION – C (3 × 4 = 12 Marks)

20. HTML video tag

<video src="tiger.mp4" width="300" height="200" controls>
</video>

21. URL components

i) Protocol → **https**

ii) "s" means **secure** (secure encrypted communication using SSL/TLS)

iii)

- URL → **Uniform Resource Locator**
- WWW → **World Wide Web**

22. Suggestion: Use CSS

Ronaldo should apply styles using **CSS**, either internal or external.

Code:

```
<style>
h1 {
  color: blue;
  background-color: yellow;
  border: 2px solid red;
}
</style>
```

23. Correct the HTML statements

i)

Incorrect:

Click Here

Correct:

Click Here

ii)

Incorrect:

<TITLE font="16px">My Webpage</TITLE>

Correct:

<title>My Webpage</title>

iii)

Incorrect:

Welcome to my website!

Correct:

Welcome to my website!

SECTION – D (4 Marks)

24. Answers

i) The tag used to insert an image →

ii)

iii) Clickable image link →

iv) **Use of alt attribute:**

It displays alternative text if the image fails to load and helps screen readers for accessibility.

SECTION – E (8 Marks)

25. Meera – IPR Case Study

i) **Yes**, it is a violation — she used copyrighted content without permission.

ii) Type of violation → **Copyright infringement**

iii) She should use **copyright-free images**, take permission, or give proper credit.

iv) Any two netiquettes:

- Do not copy content without credit.
- Respect others' work and privacy.
- Use polite language.
- Cite sources properly.

26. Mr. Ravi – Online Fraud Case Study

i) Fraud type → **Phishing / Fake website scam**

ii) Exposed sensitive information may include:

- Personal details
- Bank account details
- Debit/credit card number
- CVV, passwords, OTP

iii) He should check:

- **https** at the start
- **Padlock symbol**
- Correct spelling of the URL

iv) Steps to protect information:

- Use secure websites (https)
- Do not share OTP/PIN
- Use strong passwords
- Enable two-factor authentication
- Check bank statements regularly

***** ALL THE BEST !!! *****