

COMPUTER APPLICATIONS (CODE 165)
MARKING SCHEME
CLASS X (2026-27)

Time Allowed: 2 Hours

Maximum Marks: 50

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 questions carrying 02 marks each.
- 5) Section C has 4 questions carrying 03 marks each.
- 6) Section D has 1 question carrying 04 marks.
- 7) Section E has 2 Source based /Case-based /Passage based Questions carrying 04 marks each.

QNO	Section-A (1 to 12) 12 x 1 = 12 Marks	MARKS
1	A. Web Browser (1 mark for the correct answer)	1
2	B. SSH (1 mark for the correct answer)	1
3	B. Chat (1 mark for the correct answer)	1
4	B. src (1 mark for the correct answer)	1
5	B. colspan (1 mark for the correct answer)	1
6	C. https://www.ncert.nic.in (1 mark for the correct answer)	1
7	B. Uploading (1 mark for the correct answer)	1
8	B. Netiquettes (1 mark for the correct answer)	1
9	B. Digital Property Rights (1 mark for the correct answer)	1
10	False (1 mark for the correct answer)	1
11	C. A is True, but R is False. (1 mark for the correct answer)	1
12	D. A is false but R is true. (1 mark for the correct answer)	1
	Section-B (13 to 19) 7X2 = 14 Marks	
13	The vlink (Visited Link) attribute is used to specify the color of a hyperlink that the user has already clicked/visited. The alink (Active Link) attribute specifies the color of a link at the exact moment it is being clicked by the user. (1 mark for each correct part)	2
14	A a. Protocol used for sending emails: SMTP (Simple Mail Transfer Protocol) Justification:	2

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	- SMTP is the standard protocol for sending emails from a sender's client to the recipient's mail server. - It supports attachments, making it suitable for sending project reports. (Any one) b. Possible problem if an unsuitable or insecure protocol is used: - Emails may fail to send or get delayed. - Messages could be intercepted or read by unauthorized users if security is weak. (Any one) Measure to ensure secure email communication: - Implement strong authentication for student accounts. - Educate users to verify recipient email addresses before sending sensitive files. (Any one) 1 Mark for each correct answer OR B A web address (URL) is used to locate a website. Web address (URL) is used to locate a website while an email address is used to send and receive emails. (1 mark for correct definition) (1 mark for correct difference)	
15	The alt (alternate text) attribute provides a textual description of an image. If an image fails to load (due to any reason like slow internet), the text given in the alt attribute is displayed, helping the user understand what the image represents. (1 mark for each correct part)	2
16	A <code><audio src="song.mp3" autoplay controls></audio></code> (1 mark for <code><audio></code> tag, 1 mark for <code>autoplay</code> attribute) OR B <code><ol start="4"></code> <code>Rahul</code> <code>Sneha</code> <code>Amit</code> <code></code> (2 mark for correct answer)	2
17	We can use the <code>mailto</code> scheme within the <code>href</code> attribute of an anchor (<code><a></code>) tag. Syntax: <code>Contact Us</code> (1 mark for each correct part)	2
18	A Purpose: The style attribute is used to apply CSS rules directly to an individual HTML element. (1 Mark) Code: <code><p style="color:red;">This is a paragraph.</p></code> (1 Mark) OR B Ravi should not continue with the payment if the website's URL starts with "http" because it is not secure. "https" is required for safe transactions. (1 mark for correct choice) (1 mark for correct justification)	2
19	e-Governance is the application of Information and Communication Technology (ICT) for delivering government services to citizens in a convenient, efficient, and transparent manner.	2

	Example: https://www.india.gov.in (National Portal of India) or Passport Seva or DigiLocker . (1 mark for each correct part)	
	Section-C (20 to 23) 4X3 = 12 Marks	
20	I. <code>Next Page</code> (Correction: The attribute for anchor tag is href, not src). II. <code></code> (Correction: The attribute for image tag is src, not href). III. <code><ol type="A">Item 1</code> or <code>Item 1</code> (Correction: Type "A" is for Ordered Lists <code></code>, not Unordered Lists <code></code>). (1 mark for each correct part)	3
21	A I. SMS (Short Message Service): A text messaging service component of most telephone, Internet, and mobile device systems. II. 3G (Third Generation): Mobile technology that introduced faster data transmission speeds allowing for video calling and mobile internet access. III. 5G (Fifth Generation): The latest generation of cellular mobile communications, offering ultra-low latency, massive connectivity for IoT, and significantly faster download speeds. (1 Mark for each correct explanation = 3 Marks)	3
22	A I. <code><video src="documentary.mp4" width="400" height="300" controls></video></code> II. face (2 mark for part-a, 1 mark for part-b) OR B <code><table border="2"><tr><th>Roll No</th><th>Name</th></tr><tr><td>1</td><td>Rahul</td></tr></table></code> (3 marks for correct code)	3
23	A I. The chemical formula for Sulfuric Acid is $\text{H}_{2}\text{SO}_{4}$. II. The Pythagorean theorem is $a^{2} + b^{2} = c^{2}$. III. The coordinates are represented as (X_{1}, Y_{1}). (3 marks for each part)	3
	Section-D (24 to 24) 1X4 = 4 Marks	
24	A <code><html></code> <code><head></code>	4

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	<pre> <title>Healthy Living</title> </head> <body bgcolor="LightGreen"> <center><h1 style="color:blue;">Benefits of Yoga</h1></center> <p>Yoga is a practice that connects the body, breath, and mind. </p> Flexibility Strength Peace </body> </html> </pre> (½ mark each for correct HTML code for specification I, II, III, IV) (2 marks for correct HTML code for specification V) OR B <pre> <html> <body bgcolor="Pink"> <h1>Customer Feedback</h1> <form> Name: <input type="text" name="name">

 Service Rating: <input type="radio" name="rating" value="good"> Good <input type="radio" name="rating" value="bad"> Bad

 City:
<select size=4> <option>Agra</option> <option>New Delhi</option> <option>Jaipur</option> <option>Noida</option> </select>

 </form> </body> </html> </pre> (½ mark for correct HTML code for specification I) (½ mark for correct HTML code for specification II) (3 marks for correct HTML code for specification III-1 Mark for each sub parts)	
	Section-E (25 to 26) 2X4 = 8 Marks	
25	I. E-commerce Fraud II. To gain unauthorized access by bypassing security checks III. Never share passwords or OTPs with anyone IV. A suspicious or incorrect email address or spelling mistakes (1 mark for each correct part)	4
26	I. Open Source Software (OSS) / Free and Open Source Software (FOSS). II. Copyright. III. Trademark.	4

IV. Plagiarism OR Software Piracy OR Copyright Infringement. (1 mark for each correct part)
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