

CBSE | DEPARTMENT OF SKILL EDUCATION

WEB APPLICATION (SUBJECT CODE -803)

Blue-print for Sample Question Paper for Class XI (Session 2025-2026)

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - III	1	1	2
2	Self-Management Skills - III	2	1	3
3	ICT Skills - III	1	1	2
4	Entrepreneurial Skills - III	1	1	2
5	Green Skills - III	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUES	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUES	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Basics of Networking	7 (Do any 4)	1	-	1	9
2	Website Building Using HTML and CSS	9 (Do any 8)	1	1	2	13
3	Multimedia Design Using GIMP	7 (Do any 7)	1	1	1	10
4	JavaScript Part 1	9 (Do any 7)	2	1	1	13
TOTAL QUESTIONS		32	5	3	5	45
NO. OF QUESTIONS TO BE ANSWERED		Any 26	Any 3	Any 2	Any 3	34
TOTAL MARKS		1 x 26 = 26	2 x 3 = 6	3 x 2 = 6	4 x 3 = 12	50 MARKS

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Sample Question Paper for Class XI (Session 2025-2026)

Max. Time: 3 Hours

Max. Marks: 60

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in two sections – Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):**
 - This section has 06 questions.
 - There is no negative marking.
 - Do as per the instructions given.
 - Marks allotted are mentioned against each question/part
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):**
 - This section contains 18 questions.
 - A candidate has to do 11 questions.
 - Do as per the instructions given.
 - Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	In a group discussion, Riya maintains eye contact, listens actively, and puts forward her points clearly without interrupting others. Which communication style is she using? a) Passive b) Aggressive c) Assertive d) Submissive	1
ii.	Ritu has three assignments due this week. She makes a list of all tasks, sets deadlines, and starts with the most urgent one. Which technique is she applying? a) Procrastination b) Goal prioritization c) Avoidance d) Multitasking	1
iii.	Which of the following is the most important factor in team building? a) Mutual trust b) Competition c) Self-promotion d) Isolation	1
iv.	Priya is writing a newsletter in MS Word. She needs to display page numbers at the bottom of each page. Which option will help her? a) Insert → Table b) Insert → Page Number c) Layout → Margins d) Format → Bullets	1
v.	An entrepreneur uses imagination and intuition to plan business strategies. Which attitude is this an example of? a) Risk-averse b) Avoiding responsibility c) Passive approach d) Analytical and innovative thinking	1
vi.	Which of the following is an example of a renewable energy initiative in India? a) Wind and solar power projects b) Coal-fired power plants c) Diesel generators d) Petroleum exploration	1

Q. 2	Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)	
i.	Vimal and his sister are watching movies online at the same time on different devices. Suddenly, the internet becomes very slow. What is the most likely reason? a) Limited Bandwidth being shared b) Incorrect IP Address c) Virus in the router d) Wrong Communication Channel	1
ii.	Which attack involves faking a website or email to trick users into revealing sensitive data? a) Denial of Service b) Malware injection c) Phishing d) Spam	1
iii.	A hospital connects all its branches across different states for patient data sharing. Which type of network does this represent? a) LAN b) MAN c) PAN d) WAN	1

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	In GIMP, filters are used for: a) Creating text documents b) Resizing images c) Adding special effects to images d) Saving files in different formats	1
ii.	Which of the following is an example of a filter in GIMP? a) Bucket Fill b) Rectangle Select c) Pencil Tool d) Gaussian Blur	1
iii.	The default background layer in GIMP is usually called: a) Base Layer b) Background c) Main Layer d) Root Layer	1
iv.	Varun used a tool in GIMP to select only a circular part of an image for editing. Which tool did he most likely use? a) Ellipse Select Tool b) Crop Tool c) Move Tool d) Clone Tool	1
v.	While working in GIMP, Simran adds text to her image. She notices that she can move or edit the text without affecting the background. Which feature of GIMP makes this possible? a) Filters b) Toolbox c) Layers d) Canvas Size	1
vi.	Ravi creates a poster with three layers: background, image, and text. He accidentally hides the image layer. What will happen when the poster is displayed? a) Only background and text will be visible b) All three layers will be visible c) Poster will be blank d) Only the image will be visible	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Select the correct output of the following code: <pre><script> var x = 10; var y = 20; alert(x + y + " is the sum"); </script></pre> a) "10 + 20 is the sum" b) "1020 is the sum" c) "30 is the sum" d) Error	1
ii.	Consider the following code: <pre><script> for (var i = 1; i <= 13; i+=2) { document.write(i + " "); } </script></pre> How many times will the for loop be executed? a) 13 b) 7 c) 6 d) 12	1

iii.	Consider the following code: <pre><script> var name = _____("Enter your name:"); //missing statement alert("Hello " + name); </script></pre> What statement should be given in place of the blank in #Missing Statement to take input from the user? a) input() b) scan() c) read() d) prompt()	1
iv.	Which of the following loops executes at least once, even if the condition is false? a) for loop b) while loop c) do...while loop d) for...in loop	1
v.	Which statement is true about JavaScript variables? a) Variables cannot store strings b) Variables must always be declared with var c) Variables can store different data types at different times d) Variables cannot change values once assigned	1
vi.	What does parseInt("10") return in JavaScript? a) "10" b) Undefined c) Error d) 10	1

Q. 6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Which of the following expressions returns true? a) 5 > 10 b) 10 <= 10 c) 20 === "20" d) 15 != 15	1
ii.	Which statement is true about the switch statement in JavaScript? a) switch can only be used with numbers b) Every case must end with break c) default is optional d) switch cannot replace if...else	1
iii.	Sita wants users to submit feedback on her webpage. Which tag should be used to create the form? a) <textarea> b) <input> c) <form> d) <button>	1
iv.	In the CSS box model, which part lies outside the border? a) Padding b) Margin c) Content d) Border	1
v.	Neha wants to create a digital collage. She cuts different objects from photos and pastes them into a new file. Which two features of GIMP will be most useful for her? a) Filters and Zoom b) Crop Tool and Rotate Tool c) Gradient Tool and Smudge Tool d) Selection Tools and Layers	1
vi.	If x = 10, what will x += 5; give? a) 5 b) 10 c) 15 d) Error	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)
Answer each question in 20 – 30 words.

Q7	State two situations where written communication is more effective than verbal communication.	2
Q8	Aman uses a mobile calendar to set reminders for tasks. Identify the skill he is practicing and write one benefit of it.	2
Q9	How does the AutoCorrect feature differ from Spell Check?	2
Q10	Define entrepreneurial values and give two examples.	2
Q11	Why is E-waste management important for sustainable development?	2

Answer any 3 out of the given 5 questions in 20 – 30 words each (2 x 3 = 6 marks)

Q12	How does a Firewall protect a network?	2
Q13	Differentiate between <code><input type="text"></code> and <code><textarea></code> in forms.	2
Q14	Ravi is designing a poster in GIMP with three layers: background, image, and text. Why are layers useful in such editing? Give two points.	2
Q15	Identify the errors in the following code. Rewrite the correct code, after underlining the errors. <pre> var 1num = 10 Let name = "Ravi"; console.log("Name is " + name if (num = 10) { console.log("Ten"); } </pre>	2
Q. 16	Complete the code to print Sum of first five numbers in JavaScript: <pre> var i = _____; // Blank 1: initialize loop variable var sum = 0; while (i _____ 5) { // Blank 2: sum = _____ + i; // Blank 3: i = _____; // Blank 4: } console.log(sum); </pre>	2

Answer any 2 out of the given 3 questions in 30– 50 words each (3 x 2 = 6 marks)

Q. 17	Write CSS rules to: a) Change text color to red b) Add 10px padding c) Set background color to yellow	3
Q. 18	Riya clicked a photo for her school project, but the background looks too sharp. She wants to blur the background, enhance the brightness of the main object, and make the picture look artistic. Which three types of filters in GIMP can she use to achieve these effects? Explain briefly.	3
Q. 19	Rewrite the following code using a switch statement: <pre>var grade = "B"; if (grade == "A") { console.log("Excellent"); } else if (grade == "B") { console.log("Good"); } else if (grade == "C") { console.log("Average"); } else { console.log("Fail"); }</pre>	3

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 20	A user wants to secure their computer from malware and unauthorized access. Suggest any four security tools and their functions.	4
Q. 21	Write HTML code to create a form that includes: • A text box for Name • A password field • A radio button for Gender • A submit button	4
Q. 22	1. Create a webpage with a heading “Save Trees” in green and center-aligned, and a paragraph describing two ways to save trees. Add a 2px solid border around the paragraph. 2. Make a table with two environmental issues and their solutions. Style the table with 1px border, 5px padding, and center-aligned text. 3. Display an image about Clean India Campaign. Below it, add a hyperlink “Learn More” that opens in a new tab and has blue color. 4. Create a div with lightyellow background and padding 10px. Write “Say NO to Plastic” and highlight NO using span in red and bold.	4

	5. Make a paragraph about water conservation. Style it with font-size 16px, Arial font, and 2px solid border. The sample output is given below Save Trees 1. Plant more trees in your community. 2. Avoid cutting trees unnecessarily.	
Q. 23	Riya wants to edit her photo in GIMP. She needs to (i) select her face, (ii) crop the image, (iii) color a part of it, and (iv) add her name on it. Suggest four tools from the GIMP toolbox she should use.	4
Q. 24	Write a JavaScript program to accept a number from the user and check whether it is prime or not.	4