

<p style="text-align: center;">Marking Scheme Strictly Confidential (For Internal and Restricted use only) Senior School Certificate Examination, 2025 SUBJECT NAME: <u>Web Application</u> (SUBJECT CODE: <u>803</u>) (PAPER CODE <u>327</u>)</p>	
<u>General Instructions: -</u>	
1	You are aware that evaluation is the most important process in the actual and correct assessment of the candidates. A small mistake in evaluation may lead to serious problems which may affect the future of the candidates, education system and teaching profession. To avoid mistakes, it is requested that before starting evaluation, you must read and understand the spot evaluation guidelines carefully.
2	“Evaluation policy is a confidential policy as it is related to the confidentiality of the examinations conducted, Evaluation done and several other aspects. Its’ leakage to public in any manner could lead to derailment of the examination system and affect the life and future of millions of candidates. Sharing this policy/document to anyone, publishing in any magazine and printing in News Paper/Website etc may invite action under various rules of the Board and IPC.”
3	Evaluation is to be done as per instructions provided in the Marking Scheme. It should not be done according to one’s own interpretation or any other consideration. Marking Scheme should be strictly adhered to and religiously followed. However, while evaluating, answers which are based on latest information or knowledge and/or are innovative, they may be assessed for their correctness otherwise and due marks be awarded to them. In class-X, while evaluating two competency-based questions, please try to understand given answer and even if reply is not from marking scheme but correct competency is enumerated by the candidate, due marks should be awarded.
4	The Marking scheme carries only suggested value points for the answers These are in the nature of Guidelines only and do not constitute the complete answer. The students can have their own expression and if the expression is correct, the due marks should be awarded accordingly.
5	The Head-Examiner must go through the first five answer books evaluated by each evaluator on the first day, to ensure that evaluation has been carried out as per the instructions given in the Marking Scheme. If there is any variation, the same should be zero after deliberation and discussion. The remaining answer books meant for evaluation shall be given only after ensuring that there is no significant variation in the marking of individual evaluators.
6	Evaluators will mark (v) wherever answer is correct. For wrong answer CROSS ‘X” be marked. Evaluators will not put right (✓) while evaluating which gives an impression that answer is correct and no marks are awarded. This is most common mistake which evaluators are committing.
7	If a question has parts, please award marks on the right-hand side for each part. Marks awarded for different parts of the question should then be totalled up and written in the left-hand margin and encircled. This may be followed strictly.
8	If a question does not have any parts, marks must be awarded in the left-hand margin and encircled. This may also be followed strictly.
9	If a student has attempted an extra question, answer of the question deserving more marks should be retained and the other answer scored out with a note “Extra Question” .
10	No marks to be deducted for the cumulative effect of an error. It should be penalized only

	once.
11	A full scale of marks <u>60</u> (example 0 to 80/70/60/50/40/30 marks as given in Question Paper) has to be used. Please do not hesitate to award full marks if the answer deserves it.
12	Every examiner has to necessarily do evaluation work for full working hours i.e., 8 hours every day and evaluate 20 answer books per day in main subjects and 25 answer books per day in other subjects (Details are given in Spot Guidelines). This is in view of the reduced syllabus and number of questions in question paper.
13	<p>Ensure that you do not make the following common types of errors committed by the Examiner in the past: -</p> <ul style="list-style-type: none"> • Leaving answer or part thereof unassessed in an answer book. • Giving more marks for an answer than assigned to it. • Wrong totalling of marks awarded on an answer. • Wrong transfer of marks from the inside pages of the answer book to the title page. • Wrong question wise totalling on the title page. • Wrong totalling of marks of the two columns on the title page. • Wrong grand total. • Marks in words and figures not tallying/not same. • Wrong transfer of marks from the answer book to online award list. • Answers marked as correct, but marks not awarded. (Ensure that the right tick mark is correctly and clearly indicated. It should merely be a line. Same is with the X for incorrect answer.) • Half or a part of answer marked correct and the rest as wrong, but no marks awarded.
14	While evaluating the answer books if the answer is found to be totally incorrect, it should be marked as cross (X) and awarded zero (0) Marks.
15	Any unassessed portion, non-carrying over of marks to the title page, or totalling error detected by the candidate shall damage the prestige of all the personnel engaged in the evaluation work as also of the Board. Hence, in order to uphold the prestige of all concerned, it is again reiterated that the instructions be followed meticulously and judiciously.
16	The Examiners should acquaint themselves with the guidelines given in the “ Guidelines for Spot Evaluation ” before starting the actual evaluation.
17	Every Examiner shall also ensure that all the answers are evaluated, marks carried over to the title page, correctly totalled and written in figures and words.
18	The candidates are entitled to obtain photocopy of the Answer Book on request on payment of the prescribed processing fee. All Examiners/Additional Head Examiners/Head Examiners are once again reminded that they must ensure that evaluation is carried out strictly as per value points for each answer as given in the Marking Scheme.

Set 4

MARKING SCHEME WEB APPLICATION

SECTION A (Objective Type Questions)

(30 marks)

Q. NO.	Expected Answer/Value Points	Distribution of Marks	Source (NCERT, CBSE Study material/Unit No./Page No.)
1.	Answer any 4 out of the given 6 questions on Employability Skills. (4×1=4 Marks)		
(i)	(D) Indirect Object	1 Mark	NCERT/1/17
(ii)	(D) Stress	1 Mark	NCERT/2/26
(iii)	(C) Not going out for vacation	1 Mark	NCERT/2/25
(iv)	(B) Ctrl + V	1 Mark	NCERT/3/53
(v)	(C) Perseverance	1 Mark	NCERT/4/104
(vi)	(D) Protecting and restoring the ecosystem	1 Mark	NCERT/5/120
2.	Answer any 5 out of the given 7 questions. (5×1=5 Marks)		
(i)	(C) Moviestorm	1 Mark	CBSE/1/6
(ii)	(C) Cinefx	1 Mark	CBSE/1/4
(iii)	(B) Movica	1 Mark	CBSE/1/7
(iv)	(D) Title overlaying the clip	1 Mark	CBSE/1/20
(v)	(B) Trimming the clip	1 Mark	CBSE/1/17
(vi)	Windows Media Video	1 Mark	CBSE/1/19
(vii)	(B) GIF images use lossy compression technique.	1 Mark	CBSE/2/33
3.	Answer any 6 out of the given 7 questions. (6 x 1=6 Marks)		
(i)	<code><param name= "autostart" value="True"></code> OR <code><param name= "autoplay" value="True"></code>	1 Mark for any one correct answer	CBSE/2/38
(ii)	(D) Text.mp4	1 Mark	CBSE/2/34
(iii)	(C) .eps	1 Mark	CBSE/2/33
(iv)	.mov	1 Mark	CBSE/2/34
(v)	(A) .au	1 Mark	CBSE/2/35
(vi)	(A) Helper Applications	1 Mark	CBSE/2/36
(vii)	(B) Helper Application	1 Mark	CBSE/2/42

4.	Answer any 5 out of the given 6 questions. (5×1=5 Marks)		
(i)	(A) Musical Instrument Digital Interface	1 Mark	CBSE/2/42
(ii)	Theora OGG, WebM	$\frac{1}{2} \times 2 = 1$ Mark	CBSE/2/46
(iii)	(B) .js	1 Mark	CBSE/3/60
(iv)	(B) 12	1 Mark	CBSE/3/62
(v)	(D) 6	1 Mark	CBSE/3/66
(vi)	var amt;	1 Mark	CBSE/3/68
5.	Answer any 5 out of the given 6 questions. (5×1=5 Marks)		
(i)	(B) –Infinity	1 Mark	CBSE/3/66
(ii)	(C) 6	1 Mark	CBSE/3/69
(iii)	(C) =	1 Mark	CBSE/3/62
(iv)	(A) Both statement (A) and statement (B) are correct.	1 Mark	CBSE/3/66
(v)	Math.round (154.94)	1 Mark	CBSE/3/91
(vi)	(B) Index	1 Mark	CBSE/4/125
6.	Answer any 5 out of the given 6 questions. (5×1=5 Marks)		
(i)	KompoZer	1 Mark	CBSE/4/146
(ii)	(A) Add-ins	1 Mark	CBSE/4/115
(iii)	(C) Intellisense	1 Mark	CBSE/4/114
(iv)	Internet Information Services	1 Mark	CBSE/4/127
(v)	Search Engine Optimization or SEO	1 Mark	CBSE/4/125
(vi)	True	1 Mark	CBSE/4/120

SECTION B
(Subjective Type Questions)

(30 marks)

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

Q. NO.	Expected Answer/Value Points	Distribution of Marks	Source (NCERT, CBSE Study material/Unit No./Page No.)
7.	Understanding, Remembering, Evaluating, Responding	$\frac{1}{2} \times 4 = 2$ Marks	NCERT/1/5
8.	(Any two characteristic traits) <ol style="list-style-type: none"> Lack of self-confidence Extra need to be looked after Need help in making everyday decisions Heavily dependent on other people for their emotional and physical needs Avoid being alone 	1×2=2 Marks	NCERT/2/36

9.	(a) =B2 + C2 Or The formula should start with = OR =SUM(b2:c2).	1 Mark	NCERT/3/45
	(b) 49 OR 67 (Note: if formula is copied from formula bar and pasted to cell D3)	1 Mark	NCERT/3/53
10.	1. Initiative 2. Willingness to take risks 3. Ability to learn from experience 4. Motivation, Self-confidence 5. Hard work 6. Decision-making ability (Any four)	$\frac{1}{2} \times 4 = 2$ Marks	NCERT/4/81,82
11.	(a) Solid Waste Management (any two) 1. e-waste recycling 2. waste reduction 3. waste auditing	$\frac{1}{2} \times 2 = 1$ Marks	NCERT/5/117
	(b) Agriculture (any two) 1. Organic Farming 2. Integrated Pest Management 3. Farm Mechanisation 4. Agriculture Tourism	$\frac{1}{2} \times 2 = 1$ Marks	NCERT/5/115
Answer any 3 out of the given 5 questions in 20 – 30 words each.			(3x2=6 Marks)
12.	1. Greater Immersion: Adding multimedia elements to a web page make it easier to draw in viewers, and hold their attention. 2. Enhanced Page Rankings for SEO: Video content, done correctly, is a major benefit to a site's overall SEO strategy. 3. Better Branding: Multimedia sites are frequently preferred by marketing departments because of their ability to completely present branding. (Any two)	$1 \times 2 = 2$ Marks	CBSE/2/31
13.	An Event Handler is a command that is used to specify actions in response to an event. onMouseOver: occurs when you point to an object onload: occurs when a page loads in a browser	1 mark for correct definition $\frac{1}{2}$ mark for each correct event occurrence	CBSE/3/107
14.	<u>Var num=1;</u> <u>While</u> (num<=20) <u>{</u> document.write(num, " ");	$\frac{1}{2} \times 4 = 2$ Marks ($\frac{1}{2}$ Mark for each correction)	CBSE/3/68

	<u>num+=2;</u> <u>}</u> Note : Correcting both braces should be considered one correction.		
15.	<pre>function findSum(a,b,c) { if(a+b+c>50) return a+b+c; else return a*b*c; }</pre>	½ Mark for correct function header + ½ Mark for correct use of braces + ½ Mark for correctly checking the condition + ½ Mark for correctly returning the values	CBSE/3/73
16.	1. Select all the web pages 2. Select Format > Dynamic Web Template > Detach from Dynamic Web Template. 3. Notice the message displayed, select Close.	2 Marks for correct sequence of steps	CBSE/4/124
17.	The three differences between Storyboard view and Timeline view of Windows Movie Maker are: Storyboard View: <ol style="list-style-type: none"> 1. The storyboard is the default view in Windows Movie Maker. 2. The storyboard to look the sequence or ordering of the clips and easily rearrange them, if necessary. 3. The storyboard is use to see any video effects or video transitions that have been added. Timeline View: <ol style="list-style-type: none"> 1. The timeline view provides a more detailed view of movie project and allows us to make finer edits. 2. Trim video clips, adjust the duration of transitions between clips, and view the audio track. 3. Review or modify the timing of clips in your project. 	1×3=3 Marks (1 Mark for each correct difference)	CBSE/1/13,14
18.	(a) concat () : Joins two arrays, and returns a copy of the joined arrays. (b) Join () : Joins all elements of an array into a string. (c) shift () : Removes and returns the first element of an array.	1 Mark for explanation 1 Mark for explanation 1 Mark for explanation	CBSE/3/72 CBSE/3/72 CBSE/3/73

19.	<p>Snippets are pieces of programs re-used by most developers.</p> <p>Snippets are useful as you can keep reusing the code created many times across multiple web pages or websites saving enormous amount of time and effort.</p> <p>Two categories of snippets are : CSS, HTML, JavaScript, jQuery, Doctypes, IE Meta Tags, PHP (Any two)</p>	<p>1 Mark for defining snippets + 1 Mark for their usefulness. + $\frac{1}{2} \times 2 = 1$ Mark for two categories of snippets</p>	CBSE/4/116
<p>Answer any 3 out of the given 5 questions in 50 – 80 words each. (3x4=12 Marks)</p>			
20.	(a) Splitting a clip means dividing the clip into two parts.	1 Mark	CBSE/1/16
	(b) Yes	1 Mark	CBSE/1/16
	<p>(c) Steps to Split a Clip :</p> <ol style="list-style-type: none"> In the Contents pane or on the storyboard/timeline, click the video or audio clip that need to be split. Under the preview monitor, click the Play button. When the clip reaches a point near the place you want to split the clip, click Pause. Under the preview monitor, use the playback controls to find the point where you want to split the clip. Under the preview monitor, click the Split button. 	2 Marks for correct sequence of steps	CBSE/1/17
21.	<p>(a)</p> <ol style="list-style-type: none"> Go to YouTube. Start the video which you want to embed in your web page. Acquire the Embed code and paste it in your web page. 	2 Marks for correct sequence of steps	CBSE/2/44
	<p>(b)</p> <pre><video controls height=200 width=300> <source src=Nature.mp4 type=video/mp4> </video> OR <video controls height=200 width=300 src=Nature.mp4 type=video/mp4></video></pre> <p>Note : <i>type attribute is optional</i></p>	<p>$\frac{1}{2}$ Mark for <video> tag + $\frac{1}{2}$ Mark for Controls + $\frac{1}{2}$ Mark for height and width + $\frac{1}{2}$ Mark for src</p>	CBSE/2/46
22.	<p>(a)</p> <pre><script> r1=Math.random(); r2=Math.random(); r3=Math.random(); high=Math.max(r1,r2,r3);</pre>	<p>$\frac{1}{2}$ Mark for generating random numbers + $\frac{1}{2}$ Mark for finding the maximum</p>	CBSE/3/93

	<pre>low=Math.min(r1,r2,r3); document.write(high,low); </script></pre>	+ ½ Mark for finding the minimum + ½ Mark for displaying the maximum and minimum values	
	(b) The array object is used to store multiple values in a single variable	2 Mark for correct usage (Note: as per Question Paper)	CBSE/3/98
23.	<pre>s1=prompt ("Enter a string :"); var len = s1. length; document.write(len); var pos = s1.indexOf ("the"); document.write (pos); var news1 = s1.replace('a','\#'); document.write (news1);</pre>	1 Mark for input + 1 Mark for displaying length + 1 Mark for displaying occurrence of 'the' + 1 Mark for replacing and displaying the new string	CBSE/3/80,86,87,90
24.	(a) 3 6	(1 Mark for each correct digit)	CBSE/3/82
	(b) (A1 > A2) ? A1 = A2 * 2 : A1 = A2/2;	(1 Mark for correct statement)	CBSE/3/64
	(c) document.write (new Date ());	(1 Mark for correct statement)	CBSE/3/77