

ANSWER KEY

SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH 2026

Part III

COMPUTER SCIENCE

Code: SY 230

Version:


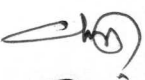


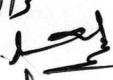



Time: 2 Hours

Max. Score: 60

Qn. No.	Sub Qns	Answer Key/ Value Points	Score	Total Score										
Answer any FIVE questions from 1 to 6. Each correct answer carries 1 score.														
1.		c) struct	1	1										
2.		b) <A>	1	1										
3.		Responsive web design	1	1										
4.		3	1	1										
5.		COUNT()	1	1										
6.		Robotics	1	1										
Answer any NINE questions from 7 to 18. Each correct answer carries 2 score.														
7.	a)	int *P= new int(10);	1	2										
	b)	delete	1											
8.		Function overloading and Operator overloading	1 + 1	2										
9.		Traversal, Searching, Insertion, Deletion, Sorting and Merging - any 4	4 X 1/2	2										
10.		In a linear queue, there may be free space at the <b>Front</b> but- /or <i>Diagrams 2 Score</i> insertions will not possible if the <b>Rear</b> is occupied/ <i>deleted space cannot be reused</i> In circular queue the Front and Rear meet.	1+1	2										
11.		<del>&lt;B&gt;</del> <del>&lt;U&gt;</del> H<Sub>2</Sub>SO<Sub>4</Sub></B></U> - 1/2 score each for <B>, <U> and 1 score for code	1/2+1/2+1 2	2										
12.		Proper use of <OL> and <Li> tags. <i>ignore Bracket / use of &lt;PRE&gt; (Full Score)</i>	1 + 1	2										
13.		<table border="1" style="width: 100%;"> <thead> <tr> <th>Tag</th> <th>Attribute</th> </tr> </thead> <tbody> <tr> <td>&lt;A&gt;</td> <td>Name / Target</td> </tr> <tr> <td>&lt;EMBED&gt;</td> <td>Src</td> </tr> <tr> <td>&lt;TABLE&gt;</td> <td>Frame</td> </tr> <tr> <td>&lt;FORM&gt;</td> <td>Target / Name</td> </tr> </tbody> </table>	Tag	Attribute	<A>	Name / Target	<EMBED>	Src	<TABLE>	Frame	<FORM>	Target / Name	1/2 score each	2
Tag	Attribute													
<A>	Name / Target													
<EMBED>	Src													
<TABLE>	Frame													
<FORM>	Target / Name													
14.		Number, String and Boolean with example - any <del>2</del> <i>one with Eg:</i>	1 + 1	2										
15.	a)	WELCOME TO JAVASCRIPT	1	2										
	b)	document.write( ) will display the output in a browser window alert( ) will display the output in a message window over the browser window <i>(Name Only Full Score)</i>	1											
16.	a)	<input checked="" type="radio"/> Batch="Bio Science"(STUDENT)	1	2										
	b)	Name and Score columns <i>display</i>	1											
17.		Any two correct comparison between 'echo' and 'print'	1+1	2										
18.		Smartphone Authentication, Access Control Systems or any correct answer	1+1	2										

Answer any NINE questions from 19 to 29. Each correct answer carries 3 score.				
19.	a)	Definition of inheritance	1	3
	b)	Single, Multiple, Multilevel, Hierarchical, Hybrid (Any Four) / Diagram	2	
20.		Correct algorithm	3	3
21.		Any 3 valid comparison	1 + 1 + 1	3
22.		Text, Password, Radio, Checkbox, Submit, Reset, Button - Any 6	6 X 1/2	3
23.		<pre> &lt;Script Language = "JavaScript"&gt;     var n;     n=1;     while( n&lt;=100)     {         document.write(n);         n++;     } &lt;/Script&gt; </pre>	<p>— 1 score</p> <p>— 1 score</p> <p>— 1 score</p> <p>1+1+1</p> <p>3</p> <p>1 free hosting</p>	3
24.		Short note on Shared, Dedicated and VPS hostings - name only 1/2 score each (Any three)	1+1+1	3
25.		Short note on DDL, DML, DCL (Full Form Full Score)	1+1+1	3
26.		CREATE TABLE Bank (Acc_No INT <b>Primary Key</b> , Name VARCHAR(20) <b>NOT NULL</b> , DoB DATE, Gender CHAR <b>DEFAULT 'F'</b> , Balance INT);	1+1+1	3
27.	a)	1 2 3 4 5 (ignore space in o/p)	1	3
	b)	<pre> &lt;?php for(\$A=1; \$A &lt;=5 ; \$A++) echo "\$A "; ?&gt; </pre>	2	
28.		SaaS, PaaS, IaaS with short note/example - 1 score each / Expansion Name only 1/2 score each	1+1+1	3
29.	a)	The use of electronic media and ICT in education / correct definitions	1	3
	b)	<del>e-book, e-text, online chat, e-content and educational TV channel</del> Any Four Advantages	2	
Answer any TWO questions from 30 to 32. Each correct answer carries 5 score.				
30.	a)	Correct structure definition	3	5
	b)	Any 2 valid comparison	2	
31.	a)	Proper use of <HTML>, <HEAD>, <TITLE>, <BODY Bgcolor> <next> <title> Not needed 1		5
	b)	Proper use of <Marquee Direction="right">	1/2 + 1/2	
	c)	Proper use of <HR> and any one Heading tag	1/2 + 1/2	
	d)	Proper use of <P> and any one text formatting tag	1/2 + 1/2	
	e)	Proper use of <IMG Src="Munnar.jpg" Alt=" Image of Tea Estate">	1/2 + 1/2	
32.	a)	Hardware, Software, Data, Users, Procedures - Explanation of any 3 components - 1 score each Name only - any 3 - 1/2 score each / Diagrams Full Score	3	5
	b)	DBA, Application Programmer, Sophisticated users, Naïve users- 2 users with description- 2 score Name only - 4 users - 2 score	2	

(3)

1. Joe. I. George, MDSHSS, Kottayam 9495313696 
2. Abhiram. C.P SRMHS Ramnagar 9447314841 
3. Shaju. Y SMHSS Patharam, Kollam 9447558369 
4. BOBBY PUDUKADEN, ST ANTON'S HSS PUDUKAD 9844079118 
5. BIJUKUMAR. T.V, MAMBARAM HSS KANNUR 9446025113 
6. ASAYAN S., NSS HSS Kuyathickal 9446856406 
7. Ummer Feroz KP, MES HSS Ponnani 9496839886 
8. VIPIN KUMAR P.K, UENT. Brenney HSS Thalany 9037135499 
9. Sijin. L SMHSS Poochallal 9895462385 