

ANSWER KEY

SECOND YEAR HIGHER SECONDARY EXAMINATIONS MARCH 2026

PART III

SUBJECT : COMPUTER APPLICATIONS (COMMERCE)

CODE : SY246

VERSION :

60 SCORE

2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score										
1		a/b/c/d	1	1										
2		strlen()	1	1										
3		 	1	1										
4		6	1	1										
5		SELECT	1	1										
6		BPR (Business Process Re Engineering)	1	1										
7	A	An array is a collection of elements of the same type placed in contiguous memory locations	1	2										
	B	3	1											
8		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Static web page</th> <th style="width: 50%;">Dynamic web page</th> </tr> </thead> <tbody> <tr> <td>The content and layout of a web page is fixed</td> <td>The content and layout may change during run time.</td> </tr> <tr> <td>Static web pages never use databases.</td> <td>Data base is used</td> </tr> <tr> <td>Static web pages directly run on the browser</td> <td>Dynamic web page runs on the server</td> </tr> <tr> <td>Static web pages are easy to develop</td> <td>Dynamic web page development requires programming skills.</td> </tr> </tbody> </table> <p>Any one difference . Example only 1 Mark</p>	Static web page	Dynamic web page	The content and layout of a web page is fixed	The content and layout may change during run time.	Static web pages never use databases.	Data base is used	Static web pages directly run on the browser	Dynamic web page runs on the server	Static web pages are easy to develop	Dynamic web page development requires programming skills.	1 + 1	2
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9		Inline CSS, Embedded(Internal) CSS, Linked(External) CSS (Any Two)	2	2										
10		, <I>, <U>, <S>, <STRIKE>, <BIG>, <SMALL>, , , <SUB>, <SUP>, <BLOCKQUOTE>, <Q> Only 4 Names 1 score 4 names with explanation 2 score	2	2										

11		<table border="1"> <tr> <th>FRAMESET</th> <th>FRAME</th> </tr> <tr> <td>Container Tag</td> <td>Empty Tag</td> </tr> <tr> <td><FRAMESET> partitioning the browser window into different frame sections</td> <td><FRAME> defines the frames inside the <FRAMESET></td> </tr> </table>	FRAMESET	FRAME	Container Tag	Empty Tag	<FRAMESET> partitioning the browser window into different frame sections	<FRAME> defines the frames inside the <FRAMESET>	1+1	2
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12	a b	var Number, string , boolean(Any two)	1 ½ +½	2						
13		Dedicated Hosting: Dedicated server to single Website, Expensive, Speed, high performance, no resource sharing etc Free Hosting : Free hosting provides web hosting services free of cost , Shared , No Dedicated Domain Name, Limited Usage, limited storage etc Any Relevant point.(1 Score for 1 difference)	2	2						
14		CMS: Software used to create manage and publish website Responsive Design : Design that adjusts automatically to fit different screen sizes.	1 1	2						
15	a b	DBMS : Software to store , organize and manage data efficiently. Degree = 5, Cardinality = 4	1 1	2						
16		Physical Level (Internal Level), Logical Level (Conceptual Level) , View Level (External Level) (Any 2 with Explanation 2 score) (Names only ½ score each)		2						
17	a b	Char - Fixed Length string, Maximum Length 256 Varchar- Variable length String, Max length 65536, reduce memory wastage (Any 1 difference 1 score) Views : A virtual table created from one or more base tables. Temporary table	1 1	2						
18	A b	GPS: Global Positioning System MMS : Multimedia Messaging System	1 1	2						
19		break, Continue, return, goto , exit - Name only(½ score Each) Any 3 with Explanations (1 Score Each)	3	3						
20	a b	Input: get(), gets(),getline() Output: put(),puts(),write() (1 input function ½ score , 1 output function ½ score) char color[]="VIBGYOR" ; OR char color[8]="VIBGYOR" ; OR char color[]={ 'V','I','B','G','Y','O','R'};	1 2	3						
21		<table border="1"> <tr> <th>Call by Value Method</th> <th>Call by Reference Method</th> </tr> <tr> <td>Ordinary variables are used as formal parameters</td> <td>Reference variables are used as formal parameters.</td> </tr> </table>	Call by Value Method	Call by Reference Method	Ordinary variables are used as formal parameters	Reference variables are used as formal parameters.	1+1+1	3		
Call by Value Method	Call by Reference Method									
Ordinary variables are used as formal parameters	Reference variables are used as formal parameters.									

		Actual parameters may be constants, variables or expressions.	Actual parameters will be variables only.		
		The changes made in the formal arguments do not reflect in actual arguments	The changes made in the formal arguments do reflect in actual arguments		
		Exclusive memory allocation is • required for the formal arguments	Memory of actual arguments is shared by formal arguments.		
		ANY 3 Differences 1 score each			
22	a b c	islapha() strcat() abs()		1 1 1	3
23		Input Devices Keyboard Mouse Joystick Correct code 3 score. Tag only 1 score(and TAGS)			3
24	a b	<EMBED> or <NOEMBED> Cellspacing -Space Between the cells cellpadding- space between cell border and content		1 1 1	3
25		Inside <Head>, Inside <body>, External File OR Inline script, Internal script(internal <Script> tag, External script (linked .js file) (1 score each)		1 + 1 +1	3
26		Constraints are the rules enforced on data that are entered into the column of a table (Definition 1 Score) NOT NULL, AUTO_INCREMENT, UNIQUE, PRIMARY KEY, DEFAULT (Any 4 - ½ score each)		1 2	3
27		DDL: Data Definition Language: CREATE, ALTER, DROP DML Data Manipulation Language: SELECT, INSERT, UPDATE, DELETE DCL :Data Control Language: GRANT, REVOKE		1 1 1	3
28		ERP : Enterprise Resource Planning Definition (Definition 1 Score) Modules : Financial module, Manufacturing module, Production planning module, HR module, Inventory control module, Purchasing module, Marketing module, Sales and distribution module, Quality management module (Any 4 - ½ score each)		1 2	3

29	a	Mobile computing is a technology that has computing capability and can transmit/ receive data while in motion	1	3
	b	Cyber crime against Individuals : Identity theft, Harassment, Impersonation and cheating, Violation of privacy, Dissemination of obscene material, Phishing, hacking (Any 3 - 2 score)	2	
30	a	Initialization, Test Expression , Update statement , Body of the loop	2	5
	b	int i, sum=0; i=1; while(i<=10) { sum = sum + i; i++; } (Correct logic 3 score) (Correct Syntax 2 Score)	3	
31	a	Container Tag : Tag with opening and Closing. Any One Example Empty Tag : Tag with only opening . Any One Example	1 1	5
	b	Attributes of body tag: Background, Bgcolor, Text, Link, Alink, Vlink, Leftmargin, Topmargin (Any 4 attributes , ½ score each)	2	
	c	HTML tag : , Attribute : src (½ + ½)	1	
32	a	Users : Database Administrator (DBA), Application Programmers, Sophisticated users , Naive Users (End user), Database Designers (Any 4 - ½ score each)	2	5
	b	Controlling data redundancy, Data consistency, Efficient data access, Data integrity, Data security, Sharing of data, Enforcement of standards, Crash recovery (Any 3)	3	

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