ANSWER KEY
SECOND YEAR HIGHER SECONDARY EXAMINATION MARCH 2023
PART III
SUBJECT: COMPUTER APPLICATION (COMMERCE)

CODE NO: SY 2~~45~~ 546

VERSION: ~~X~~

60 SCORES

2 HOURS

QN NO.	Sub	Answer Key/Value Points	Score	Total Score
		Answer any 5 question from 1 to 6. Each carries 1 score (5 X 1= 5)		
1		+= , -= , *= , /= , %=	1	1
2		abs()	1	1
3		Select *or* option tag	1	1
4		document.write() / alert()	1	1
5		Domain Name System / Domain Name Server	1	1
6		Management Information System	1	1
		Answer any 9 questions from 7 to 18. Each carries 2 score. (9X2=18)		
7	a)	string literal or literal	½ X 4	2
	b)	keyword		
	c)	operator		
	d)	identifier		
8		Signed, unsigned, short, long	½ X 4	2
9	i)	Array is a collection of elements of same datatype stored in continuous memory under a common name.	1 X 2	2
	ii)	int arr[4]={1,2,3,4}; / Any correct initialisation		
10		Any two string function with ~~syntax and~~ explanation / *syntax*	Name only 1 score explanation 1 score	2
11		The variables used in the function definition as arguments are known as formal arguments. The constants, variables or expressions used in the function call are known as actual (original) arguments	For each definition 1 mark 1 X 2	2
12		Dir, and Lang Explanation	Name only 1 score Explanation ½ each (1/2 x 2=1)	2
13		Frame tag is used to specify the name of HTML page which is to be loaded in the frame created by frameset tag. *Definition of frame or frameset — 2 score* ~~Limitation of frame tag is that earlier browsers did not support frames~~ No limitation-1 score	~~Explanation 1 score Limitation 1 score~~	2
14	i)	Any two attributes	i) ½ X 2=1	2
	ii)	TR,TH,TD any two	ii) ½ x 2=1	

4/3

15		isNaN(): Built in function used to check whether a given argument is not a number. Number(): Function used to convert the given character to number	1 X 2	2
16		A primary key is a set of one or more attributes that can uniquely identify tuples within the relation. A candidate key that is not a primary key is called alternate key	1 X 2	2
17		Explanation of two terms	1 X 2	2
18		Explanation of two terms	1 X 2	2
		Answer any 9 questions from 19 to 29. Each carries 3 score. (9 X 3= 27)		
19	i)	Traversal definition	1	3
	ii)	Subscript or index ,code segment /example	1+1	
20	i)	Definition of modular programing	1	3
	ii)	1.Reduces the size of the program 2. Less chance of error occurrence 3. Reduces programming complexity: 4. Improves reusability	Any two merits 1 X 2	
21		Static:- Content and layout remain fixed Dynamic :-Content and layout will change Static:- Doesn't use database Dynamic:-Use database Static:-Easy to develop Dynamic:- Require Programming skill to develop	1 X 3	3
22		Unordered list, Orderded list,Definition List, ~~with tags and attributes~~ (OR) ~~Names~~ of tag name 1X3 = 3	~~Name only 1X3= 1 ½ Explanation ½ X3=1 ½~~	3
23		Any three built in functions in java script and its explanation	Name only ½ X 3= 1 ½ Explanation ½ X 3= 1 ½	3
24		Shared,dedicated,virtual, explanation	Name only ½ X 3 =1 ½ Explanation ½ X 3 =1 ½	3
25	i)	Definition of Data independence	1	3
	ii)	Explanation of two difference Data Independence Name Only (1 score)	1 X 2 =2 ~~Name only ½ X2 =1~~	
26		Adding new coloumn, removing coloumn,Renaming a table,or three syntax modifying (any 3)	1 X 3	3
27	i)	Constraints are the rules enforced on data that are entered into the column of a table. Column constraints are applied only to individual columns	1 ~~Name only ½ x2 =1~~	3
	ii)	any two constrains with explanation Name Only (½ x2 = 1)	With explanation= 2	

28		Any three benefits of ERP systems	1 X 3	3
29		ii)a patent is the exclusive rights granted for an invention ii)legal right given to the creators for an original work iii)unauthorized use of intellectual property rights such as patents, copyrights and trademarks	1 X 3 *or any valid definition*	3
		Answer any 2 questions from 30 to 32. Each carries 5 score. (2 X 5= 10)		
30	a)	repeat the execution of a specific block of code till a specific condition is satisfied or not *repeated execution of a set of statements*	1	
	b)	entry controlled and exit controlled / while, for and do while	2	5
	c)	Initialisation, Test Expression, Body of Loop, and Update Statement	2	
31	i)	any two difference	1 x 2=2	
	ii)	java script ,VBScript Active Server Pages Java Server Pages *, PHP*	Name only 1 X 3=3	5
32	i)	Database Management system is a set of programs which facilitates storage ,retrieval and management of database	1	5
	ii)	any four advantages	1 X 4	

1) BEJOY.R , Mayyanad HSS, Kollam 9447454094

2) Manoop T , Tharakan HSS Angadipuram Malappuram 9895141676

3. JOBI. C. G. BVM HSS, Thrissur 9446625311

4. Seeja. R. Nair 1KtHSS cherukulamba 9495452325

5 NISHA.U.S , GHSS OACHIRA , 9495146444

6. HARI. R. VISWANATH, NANKICITY SNIASS KANJIKUZHY, IDUKKI 9497284101

7. SHINIL.P.P, HSST, Palana 3 HSS, Icozhikode 9846698684

8. MARENA VARGHESE ,AMMHSS, EDAYARANMULA Pathanamthitta. 9446772890