ANSWER KEY

SECOND YEAR HIGHER SECONDARY MARCH 2025

PART III

SUBJECT: COMPUTER Applications(Commerce)

CODE NO: SY 446 VERSION: S

60 SCORE 2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1		void	1	1
2		var	1	1
3		CMS(Content Management System)	1	1
4		metadata	1	1
5		_ (underscore)	1	1
6		BPR (Business Process Re-engineering)	1	1
7		~~Homogeneous~~ collection of elements of same data type. Int Mark[5] = { any five integer values}; , Declaration only (½)	1 1	2
8		Call by value(ordinary variables are used as formal parameters. Actual parameters are constants or variables. changes made in formal does not affect actual arguments. exclusive memory allocation) Call by reference(Reference variables as formal parameters. Actual parameters variables only. changes in formal argument do not reflect actual. formal and actual arguments share memory) Any 2 points.	1+1	2
9		Container tag: <HEAD> Empty tag :<IMG>, ,<HR>	½+½+½+½	2
10		Client side scripting(script is copied to client browser. script is executed in client browser. used for validation of data. can block client side scripting. type and version of web browser affect working of script) Server side Scripting(scripts remains in web server. script is executed in webserver. used to connect database and return data from server. cannot be blocked by user. features of web browser does not affect working of script) Any two differences	1+1	2
11		<FRAMESET cols="50%, *"> correct tag (½ score) correct attribute (½ score)	2	2
12		<OL> ordered List orType attribute values <UL> Unordered List or Type attribute Value / Examples	1+1	2
13		String addition operator symbol(+) (½ score) used to add two strings(½ score)	2	2

		example(1 score)		
14		Physical data independence: ability to modify physical schema without affecting conceptual level schema. Logical level data independence:ability to modify logical schema without affecting view level schema. Name only(½ score each)	1+1	2
15	a b	4 Admno	1 1	2
16		Delete- to delete a row from table drop- to remove a table from database. / to remove a column from a table.	1+1	2
17		SUM() Total of the values in the column specified as argument. AVG() Average of the values in the column specified as argument. MIN() Smallest value in the column specified as argument. MAX() Largest of the values in the column specified as argument. COUNT() Number of non-NULL values in the column specified as argument Any two Name only(½ score each)	1+1	2
18		Global Positioning System (GPS) It is a satellite based navigation system Used to locate a geographical position anywhere on earth, using its longitude and latitude. Any two relevant points	1+1	2
19		for, while ,do...while (½ score each for name only) / Entry or Exit syntax/example - (½ score each) / Any relevent point for each (½ each)	1+1+1	3
20	a b	gets()- console input function for string, read string including space/syntax/example cin statement: space is treated as delimiter/example 10	1 1 1	3
21		Reduces program size less chances of errors Reduces program reusability Improves Reusability Any 3	1+1+1	3
22	i) ii) iii)	abs() strcmpi() isdigit()	1 1 1	3
23		3 attributes face : text style size: size of text color: colour of text attribute name only(½ score each)	1 1 1	3
24		1.Search browsers local cache 2.search operating system's cache 3.search DNS server 4.ISP's DNS server initiates a recursive search 5 ISP's server returns IP address to the browser. 6.Browser connects to webserver using ip address of the websites (½ score for each point)	½ + ½ + ½ + ½ + ½ + ½	3
25	a. b. c.	true / 1 / Yes / any postive number. C computer applications	1 1 1	3
26		Shared webhosting(Share resources.basic features.not flexible,less	1	3

		traffic,cheaper..... /any valid points) Dedicated Webhosting(Entire webserver and resources is used by the client,freedom to choose hardware or software,expensive,guranteed performance...../ any valid points) Virtual Private server(server is virtually partitioned,similar to dedicated server ,right to install and configure software.../any valid points) OR Free hosting with any relevant point (½+½) Name only(½ score each). Any relevant point on each(½ score each)	1 1	
27	i) ii) iii)	Select * from student order by course; / Select only (½) Update student set total = mark1 + mark2 + mark3; / update only (½) Select name, course from student where total<90; / Select only (½)	1 1 1	3
28	i) ii)	Management Information System : Management is the ultimate user or the decision maker, information is the processed data and system is the integration and holistic view of the enterprise. It is also used for decision making, communication, coordination, control, analysis, and visualization of an enterprise. Any three valid points(1 ½ score) Decision Support Systems are interactive, computer-based systems that aid users in judgment and choice activities. It is a computer program application that analyses business data and presents it so that users can make business decisions more easily. DSS focuses on providing help in analysing situations rather than providing right information in the form of various types Any three valid points(1½ score)	1 ½ + 1 ½	3
29		1.Identity theft 2.Harassment 3. Impersonation and cheating 4. Violation of privacy 5.Dissemination of obscene material (Any two valid points about any of the above three cyber crimes.Names only(½ score each)	1+1+1	3
30	a) b) c)	The return statement is used to transfer control back to the calling program or to come out of a function. hellohello hellohellohellohello	1 2 2	5
31	a)	<table> <tr> <th> AdmNo </th> <th> Name </th> <th> Batch </th> </tr> <tr> <th> 1001 </th> <th> james</th> <th> Commerce</th> </tr> <tr> <th> 1002</th> <th> Joseph </th> <th> Science</th> </tr> </table> ½ mark for the use of each correct tags (<td> also can be used instead of <th>)	3	5
	b)	Border,Bordercolor,Background,cellspacing,cellpadding,width ,height,frame, align, Bgcolor, rules	2	

4/4

		Name any 4		
32		The collection of operations that is used to manipulate the entire relations of a database is called relational algebra. Binary operations: Union Intersection Set difference Cartesian product Name,definition/example of each one(1 mark each) Name only(½ score)	1 1+1+1+1	5

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