

Second Year Higher Secondary SAY/IMP Examination June 2016

(Finalised Scheme of Valuation)

Subject : Computer Science		Code: 2019	
Qn.No	Scoring Indicators	Split Score	Total Score
1	Simple and easy data representation Or Any advantages of DBMS (Give ½ score only)	1	1
2	All rows in the table will be deleted	1	1
3	Scientific study associated with the design, fabrication, theory and application of robots. (Any valid definition about robotics)	1	1
4	To analyse data in a way that preserves the integrity of the evidence collected so that it can be used effectively in a legal case	1	1
5	Number()	1	1
6	Dynamic data structure	1	2
	Memory need not be allocated in advance	1	
7	 Yahoo login (If Anchor tag is mentioned give 1 score)	2	2
8. a	HTML code for displaying form with two input tags Correct JavaScript function	1 1	2
OR			
8. b	HTML code for displaying form	½	2
	Validation of input	½	
	Correct javascript function for factorial	1	
9	Associative array	1	2
	correct For each loop	1	
10 .a	using delete operator	1	
10. b	Definition of structure	1	2
	structure variable declaration	1	
	(give ½ score if the keyword struct is used)		
11. a	Polyphormism or function overloading	1	1
11. b	Correct function codes	1	2
	Explanation of polymorphism or function overloading	1	
12.a	Client Side -- JavaScript ,Vbscript	1	2
	Server Side --- PHP, ASP	1	
	(JavaScript can be considered in both cases)		
12. b	Any one of Validation , simple calulation at the client side, Quicker response to users, Sharing the load of server and client etc.	1	1
13. a	Any two functions like Alert(),isNaN(), toLowerCase(), toUpperCase(), charAt()) (½ X 2) Examples (½ score each)	1 1	2
13. b	length	1	1
14. a	Decide amount of space required, Choose between Windows server or Linux server Database support, email facility etc. (Any two of the above)	1+1	2
14. b	If webpage was able to adjust itself to the screen size of the desire	1	1
15. a	Get - data visible in address bar, page link can be bookmarked, data submitted as a part of URL, Fast but not secure, only 2000 characters can be sent Post : Not visible, never be bookmarked, Sent as part of HTTP request, secure but slow, no limit in character sending	1 1	2
15. b	b 1,4,2,3,5	1	1
16. a	Structure definition + input + output	1+1+1	3

OR			
16. b	Use of pointer + input marks + sorting logic	1+1+1	3
17	Identification as stack and Queue	1	3
	Comparison of stack and queue (any two points)	1+1	
18	1. Add a blank line before the paragraph	1	3
	2. empty tag	1	
	3. No attribute	1	
19	Advantages 1. capable to solve larger, more complex problems in a short time 2. better use of existing hardware 3. scalable	1+1+1	3
	Disadvantages. 1. interconnection between computers is slower and so the speed is affected 2. Licensing issue after certain applications (Any three of the above - 1 score each)		
20	Cyber terrorism, website defacement, attack against e-governance website	1+1+1	3
21. a	Unary - SELECT, PROJECT	½	1
	Binary - union, set difference	½	
21. b	Explanation with example	1 X 3	3
22. a	Correct HTML code to get output. (Code without OL can be considered if other proper tags like <pre>, , are used) - 5 Score	5	5
	Structure of HTML code - 1 score, Proper nesting of Ordered lists - 4 scores OR Use of ordered list (2 scores)		
OR			
22. b	Correct HTML code - 5 Score Or Proper use of <FORM>, <INPUT>, <SELECT>, <LABEL>, heading tags, --- 1 score each Or Structure of HTML code -(1 score)	5	5
23	a. select distinct(subcode) from mark; b. select * from mark where (subcode = 3001 or subcode = 3002); c. select * from mark order by subcode, mark; d. select * from mark where ((subcode=3001 or subcode = 3002) and (mark>90)); e. select * from mark order by mark desc;	1X5	5
	Or (Use of Select , order by , distinct - give ½ score each - Max 1½ score for the question)		

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