

ANSWER KEY

SAY/IMP

SECOND YEAR HIGHER SECONDARY EXAMINATION June 2023

PART-I/II/III

SUBJECT: COMPUTER SCIENCE AND INFORMATION TECHNOLOGYCODE NO: S252VERSION: 560 SCORES2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		<u>PART - A</u>		
1.		b) nested structure	1	1
2.		c) ::	1	1
3.		b) 80	1	1
4		d) DNS Server	1	1
5		c) Cardinality	1	1
6		c) print	1	1
		<u>PART - B</u>		
7.		General form of a structure	1	
		Example	1	2
8.		Multiple inheritance - definition	1	
		Hierarchical inheritance - definition	1	2
9.	a.	Polymorphism - definition	1	
		Function overloading, Operator Overloading	$\frac{1}{2} \times 2$	2

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
10.		ios::app, ios::ate, ios::binary ios::in, ios::nocreate ios::noreplace ios::out, ios::trunc (any four) explanation	$\frac{1}{2} \times 4$	2
11.		empty tag - do not require closing tag container tag - require closing tag	1 1	2
12.		Computer that hosts web sites	2	2
13		Explanation of SELECT operator	2	2
14	a.	Tuple - The row of a relation Domain - The pr set of possible values of a column	1 1	2
15		Virtual table and contents taken from other tables	2	2
16		Solve complex problems by application programs similar to human reasoning	2	2
17.		Application of ICT for delivering government service to citizens.	2	2
18		List - elements can be changed enclosed with in [] brackets Tuple - read only (elements cannot be changed, enclosed with in ()	1 1	2

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19	a	if testcondition ; statements else : statements	1	2
	b.	Example	1	
		<u>PART-C</u>		
20		Any three differences	1x3	3
21		private, protected, public - explanation	1x3	3
22		class shape definition	1	3
		overloading area() function definition	1	
		main() function definition	1	
23		Any three difference	1x3	3
24	a	Data independence definition	1	3
	b	Physical data independence	1	
		Logical data independence	1	
25		COUNT(), MIN(), MAX(), AVG() SUM() (any three) explanation	1x3	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
26.		Any three differences	1x3	3
27		e-books, e-text, online chat, e-content, educational TV channel (any three) explanation	1x3	3
28.		Initialisation Use of a loop with proper syntax use of print statement	1 1 1	3
PART - D				
29.		class, object, data abstraction, data encapsulation, modularity, inheritance, polymorphism (any four)	1x4	4
30.		use of headerfile fstream ifstream object use of while loop with eof()	1 1 1	4
31		writing the content Structure of HTML page write the content in <BODY> session use of tag	1 2 1 1	4
32		Any four advantages	1x4	4
33	a.	DDL, DML, DCL	1	4
	b.	Explanation of each	1x3	4