Section – A

Q-1: Fill the relevant bubble for each part. Each part carries one mark.   [Marks: 15]

[1×15=15]

(1) B	(2) B	(3) B	(4) D	(5) C
(6) C	(7) D	(8) B	(9) B	(10) B
(11) A	(12) B	(13) A	(14) – C	(15) C

Section – B & C

[Marks: 60]

Q.# /Part #	Criteria	Level 1 (Marks)	Level 2 (Marks)	Level 3 (Marks)	Level 4 (Marks)
Q-2: (i)	DOS commands	Any three correct commands (03)	Any two correct commands (02)	Any one correct command (01)	Wrong (0)
(ii)	Process and thread	Any three correct differences (03)	Any two correct differences (02)	Any one correct difference (01)	Wrong (0)
(iii)	Time-sharing Operating system	Correct definition (01) Correct working (01) Correct reason (01)	Wrong (0)		
(iv)	SDLC	Any three correct objectives (03)	Any two correct objectives (02)	Any one correct objective (01)	Wrong (0)
(v)	Roles of a System analyst	Any three correct roles (03)	Any two correct roles (02)	Any one correct role (01)	Wrong (0)
(vi)	Direct and Phased implementation	Correct difference between the two methods (2) Correct description of old system (01)	Wrong (0)		
(vii)	Reserved words	Correct definition (01) Correct two examples with description (02)	Wrong (0)		
(viii)	Header file	Correct purpose (02) Correct example with syntax (01)	Wrong (0)		
(ix)	Variable names	Correct identification and reasoning (06)	Wrong (0)		
(x)	Program reading even or odd	Correct program implementing the requirement (03)	Wrong (0)		
(xi)	if-else and else-if	Correct description of if-else highlighting the difference (1.5) Correct description of else-if highlighting the difference (1.5)	Wrong (0)		

Subject: Computer Science

Class: XII

15/02/2023 18:32

(xii)	continue	Correct description of continue statement (1) Correct example using C++ program (02)	Wrong (0)			
(xiii)	one dimensional and two dimensional array	Correct description of both highlighting the difference (02) Correct declaration example (01)	Wrong (0)			
(xiv)	sizeof() function	Correct definition (1.5) Correct example (1.5)	Wrong (0)			
(xv)	structure of a C++ program	Pre-processor directive (1) Void main() (1) Body of main() function (1)	Wrong (0)			
(xvi)	setw manipulator	Correct use (1) Correct syntax (1) Correct header file (1)	Wrong (0)			
Q-3: (a)	Process and its stages	Correct definition of process (01) Correct description of five states (05)	Wrong (0)			
(b)	Purpose and example of Functions	Correct description of getch() (02) Correct description of getche() (02) Correct description of gets() (02)	Wrong (0)			
Q-4: (a)	Nested loop programs	Correct pattern of numbers using nested loops (3) Correct pattern of asterisks using nested loops (3)	Wrong (0)			
(b)	Program relating array	Correct logic and implementation (06)	Wrong (0)			
Q-5: (a)	Switch statement	Correct purpose and syntax (03) Correct example using C++ program (03)	Wrong (0)			
(b)	Program to calculate sum	Correct program using for loop (03) Correct program using while loop (03)	Wrong (0)			

Class: XII

15/02/2023 18:32