

HALF YEARLY ANSWER KEY

SUBJECT : COMPUTER SCIENCE (December 14, 2017)

PART A

1	D
2	D
3	A
4	D
5	C
6	B
7	C
8	A
9	D
10	C
11	C
12	A
13	C
14	C
15	C
16	B
17	D
18	B
19	C
20	A
21	B
22	C
23	A
24	B
25	A
26	D
27	C
28	B
29	A
30	C
31	A
32	B
33	C
34	D
35	C
36	A
37	D
38	D

39	C
40	A
41	B
42	A
43	B
44	C
45	D
46	A
47	B
48	C
49	A
50	B
51	D
52	A
53	D
54	A
55	D
56	A
57	B
58	D
59	D
60	B
61	B
62	D
63	B
64	A
65	C
66	D
67	C
68	B
69	A
70	B
71	D
72	D
73	C
74	A
75	B

PART B

QUESTION NUMBER	ANSWER	MARKS ALLOTMENT
76	a) Insertion point is moved to the start of the text is selected b) The shift key is pressed down and the movement keys are used to highlight the required text. c) When shift key is released, the text is selected	½ 1 ½
77	a) select Format → page b) click Header tab . c) click Header on check box d) Enter the values d) click ok	2
78	Continuous group of cells in a worksheet	2
79	Any Four Application (Refer I volume Pg.No : 62)	2
80	DBMS is a program or collection of programs that allows any number of users to access data, modify it, and construct a simple and complex requests to obtain and work with selected records .	2
81	a) Primary key is a key that uniquely identifies a record in a data base table. b) Any one valid example .	1 1
82	a) The various multimedia components are coordinated with a technique called Virtual Reality . b) They provide an environment which is experienced by users as similar to a reality .	1 1
83	It is referred to as slide or path animations are created by moving an object across a screen.	2
84	This page can be used to specify basic background information that needs to be included in all the slides .	2
85	Slide Transition displays various transition effects that can be attached to a slide along with other options that allow you to control the transition of the slide .	2
86	The mechanism by which the data and	

	functions are bound together within an object definition is called Encapsulation .	2
87	a)Conditional operator is other wise called as Ternary Operator (? :) b) Syntax : E1?E2:E3; c)Any one valid Example .	1 1
88	a)String literal is a sequence of characters surrounded by double quotes . b)It is treated as array of characters . c)Each string literal is by default by added with a special character '\0' which marks a end of a string.	1 1
89	The operands and the operators are grouped in a specific logic way for evaluation	2
90	a)The inner loop and outer loop cannot have same control variable as it will lead logical error . b)The inner loop must be completely nested inside the body of the outer loop .	1 1
91	a)Number and type of arguments b)Type of return values	1 1
92	a)An array is a collection of variable of the same type that are referenced by a common name . b)Two dimensional array example : int a[2][3]; or Any one valid example	1 1
93	a)cout b)write ()	1 1
94	Data Members :It is a variables that are represent feature of a class(Attributes) Member Function :It is a function that perform specific task in a class (Methods)	1 1
95	Instruments allowing only the selected access of components to objects and to the member of other classes	2
96	The compiler adopts BEST MATCH strategy	2
97	Any Four Rules .	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$
98	a)Constructors are executed in order of inherited class . b)Destructors are executed in Reverse order .	1 1

99	e-Learning enables online educational programs leading to degrees and certifications.	2
100	a) Virus is a self replication program that can cause damage data and files on your computer. (or) b) It is program written by programmers with great programming skills are motivated by the need for a challenge or to cause destruction	2

PART C

QUESTION NUMBER	ANSWER	MARKS ALLOTMENT
101	a) choose Edit → Find & Replace b) Dialog box will be displayed. c) Uses of search for & Replace with d) Replace uses . e) Replace all uses f) click Find g) click close	1 1 1 1 ½ ½
102	a) Choose Tools → Spelling → check (or) F7 b) Not in dictionary text area displays misspelled word . c) suggestion list displays alternative spelling. d) uses of ignore once and ignore all . e) Uses of change and change all f) Add button uses .	1 ½ ½ 1 1 1
103	Any five advantages of electronic spreadsheet .	5
104	AutoFill automatically generates a data series based on a defined pattern. 1. On a sheet, click in cell, and type a number. 2. Drag the fill handle in the bottom right corner of the cell across the cells that you want to fill, and release the mouse button	1 1

	<p>Fill command to generate a series of data directly from the values of the selected cells.</p> <p>First, select the cells of the worksheet that you want to fill. Choose the command Edit→Fill</p> <p>→Series. Select the type of series from the options</p> <p>As another example, select the range A1:D6 in the worksheet.</p> <p>Click on Edit →Fill →Series. Choose</p> <p>2 as your Start value</p> <p>2 as your Increment Growth as the Type, and Down as the Direction. Now, click on OK button.</p>	<p>1</p> <p>2</p>
105	Any five advantages in Computerized Data Processing .	5
106	<p>a) Loop is a set of instructions repeated for a certain number of times ,</p> <p>b) Explain Any one of the loop (for or while or do while)</p> <p>c) Definition</p> <p>d) Syntax</p> <p>e) Any one valid Example .</p>	<p>1</p> <p>1</p> <p>1 ½</p> <p>1 ½</p>
107	<p>a) Scope refers to accessibility of variable .</p> <p>b) Types of Scope : Local, file, function, class .</p> <p>c) Local :</p> <p>>> A local scope variable is defined within a block</p> <p>>> A local scope variable cannot be</p>	<p>½</p> <p>½</p>

	<p>accessed from outside the block of its declaration .</p> <p>>> Local scope variable exist only while the block of code in which they are declared is executing .</p> <p>d)Function :</p> <p>>> The scope of variable declared within a function is extended to the function block and all sub block therein</p> <p>e)File :</p> <p>>> A variable declared above all block and function has the scope of a file .</p> <p>>> The file scope variable is the entire program</p> <p>f)Class : Uses of class scope .</p>	1 1 1 1
108	<p>Definition :The ability of the function to process the message or data more than one form is called function overloading .</p> <p>Any 3 Rules</p>	2 3
109	<p>Any 10 Mistakes :</p> <p>Correct Program :</p> <pre>#include<iostream.h> class first { public : int x1,x2; void assign() { x1=17; x2=81; x3=92; } }; class second : public first { public : void show () { int y1,y2,y3; first : :assign(); y1=x1;y2=x2;y3=x3; cout<<y1<<'n'<<y2<<'t'<<y3; } }; void main() { second obj; obj.show() }</pre>	5

110	<p>Output :</p> <p>Constructor without parameters Parameterized constructor Object1 The numbers are 18 16 Result2 Object2 The numbers are 16 4 Result12</p> <p>(Or)</p> <p>Constructor without parameters Parameterized constructor Object1 The numbers are 18 16 Result2 Object2 The numbers are 16 4 Result12</p>	
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