

BUDHA DAL PUBLIC SCHOOL, PATIALA

TERM-I EXAMINATION (SESSION 2024-25) SET:-A

CLASS: - XI, SUBJECT: - INFORMATICS PRACTICES (CODE:- 065)

Time: 3 Hours

Max. Marks: 70

General Instructions:

1. This question paper contains five sections, Section A to E.
2. All questions are compulsory.
3. Section A has 18 questions carrying 01 mark each.
4. Section B has 07 Very Short Answer type questions carrying 02 marks each.
5. Section C has 05 Short Answer type questions carrying 03 marks each.
6. Section D has 02 questions carrying 04 marks each.
7. Section E has 03 questions carrying 05 marks each.
8. All programming questions are to be answered using Python Language only.

SECTION-A		
Fill in the Blanks:-		
1.	A collection of 4 bits is called _____.	1
2.	The shortcut key to run Python script is _____.	1
3.	A word having special meaning reserved by a programming language is known as _____.	1
State Whether the following statements are True or False:-		
4.	ROM is volatile in nature.	1
5.	Print and print are same in python.	1
6.	In Python , integer data type has a fractional part.	1
Multiple Choice Questions(MCQs):-		
7.	Examples of utility software are:- (i) Text Editor (ii) Backup (iii) Disk Defragmenter (iv) All of these	1
8.	Which output device is used for producing highly accurate, very large drawings and posters? (i) Laser Printer (ii) Dot Matrix Printer (iii) Inkjet Printer (iv) Plotter	1
9.	An Antivirus software is an example of (i) Application Software (ii) System Software (iii) Utility Software (iv) None of these	1
10.	Python language is _____. (i) Free (ii) Open Source (iii) Free and Open Source (iv) Proprietary	1
11.	What will be the output of the following snippet? x,y=2,6 x, y= y, x=2 print(x,y) (i) 6 6 (ii) 4 4 (iii) 4 6 (iv) 6 4	1
12.	Which of the following operators is floor division? (i) + (ii) / (iii) // (iv) >	1
13.	Which of the following is not a decision –making statement? (i) If-else statement (ii) for statement (iii) if-else statement (iv) if statement	1
14.	Consider the following statement: List=['h', 'o', 'i'] (i) 5 (ii) 3 (iii) 0 (iv) None of these	1
15.	To create an empty dictionary, we use the statement as: (i) d1={} (ii) d1=[] (iii) d1=() (iv) d1=={ }	1

16.	Keys of dictionary must be: (i) Similar (ii) Unique (iii) Both (i) and (ii) (iv) All of these	1
	Q17 and 18 are ASSERTION AND REASONING based questions. Mark the correct choice as a) Both A and R are true and R is the correct explanation for A b) Both A and R are true and R is not the correct explanation for A c) A is True but R is False. d) A is False but R is True.	1
17.	Assertion (A): Python is an object-oriented programming language. Reasoning(R): Using Python, any software can be designed. Everything in Python is an object.	
18.	Assertion (A): The break and continue statements are known as jump statements. Reasoning(R): Jump statements are used only with looping constructs and not with conditional constructs.	1
	SECTION-B	
19.	What is an I-P-O cycle?	2
20.	What are the two main parts of memory?	2
21.	Define Microprocessor.	2
22.	Why is Python an Interpreted language?	2
23.	What are tokens in Python? How many types of tokens are allowed in Python? Exemplify your answer.	2
24.	What is the purpose of 'else' in a loop?	2
25.	Differentiate between lists and strings.	2
	SECTION-C	
26.	Distinguish between Primary Memory and Secondary Memory.	3
27.	Define the following terms : (i) Antivirus (ii) Disk Defragmenter (iii) Backup Software	3
28.	Distinguish between Python and other programming languages.	3
29.	What is the difference between interactive mode and Script mode in Python?	3
30.	What is the difference between a keyword and a variable.	3
	SECTION-D	
31.	Why is language processors used? Differentiate between Compiler and Interpreter.	4
32.	What will be the output produced by the following code? A, B, C, D= 9, 2.0, 4, 2 (i) print(A/4) (ii) print(A//4) (iii) print(B**C) (iv) print(A%C)	4
	SECTION-E	
33.	Write a program to check if a Number is Positive, Negative, or Zero	5
34.	Write a program to find the Minimum of Two Numbers	5
35.	Write a program to Check if a Number is Even or Odd	5