



# INDIAN SCHOOL AL WADI AL KABIR

Unit Test 1 2025-26

## SUB: Informatics Practices (065)

Date: 22/05/2025

Time Allowed: 1 hour

Class: XI

Maximum Marks: 30

### General Instructions:

1. This question paper contains five sections, Section A to D.
2. All questions are compulsory.
3. Section A have 10 questions carrying 01 mark each.
4. Section B has 03 Very Short Answer type questions carrying 02 marks each.
5. Section C has 02 Long Answer type questions carrying 03 marks each.
6. Section D has 02 Long Answer type questions carrying 04 marks each.
7. All programming questions are to be answered using Python Language only.

Section –A		
Q. No.	Question	Marks
1	Which of the following is not an input device? a) Scanner                      b) Speakers                      c) Webcam                      d) Joystick.	1
2	_____ is volatile memory i.e. as long as the power is supplied to the computer, it retains the data in it. a) RAM                      b) CD                      c) ROM                      d) Hard Disk	1
3	Find the valid identifier /s from the following. a) 41 _books b) library 123abc c) _class_ d) class room	1
4	What will be the output of the following expression? 40+5//2**2**3 a) 45                      b)40.0                      c) 40                      d)45.0	1
5	Which function is used to read input from the user in Python? a) scanf()                      b) input()                      c) get()                      d) read()	1
6	What will be the output of the following Python code snippet? >>> (6 >= 8) and (4! = 3) or (12 < 10) >>> not (5<=7) a) True False b) True True c) False False d) False True	1

7	<p>What will be the output of the following code?</p> <pre>#print ("Such as") print ("Take every chance",'hi',sep='#') print ("Drop every fear",sep='\$',end='@')</pre> <p>a) Such as Take every chance#hi Drop every fear@</p> <p>b) Take every chance hi Drop every fear \$ @</p> <p>c) Take every chance#hi Drop every fear@</p> <p>d) Such as Take every chance#hi Drop every fear@</p>	1
8	<p>Find the output:</p> <p>i) <math>15\%2</math>    ii) <math>16/4</math></p> <p>a) i) 1.0    ii) 4.0 b) i) 1    ii) 4 c) i) 1    ii) 4.0 d) i) 1.0    ii) 4</p>	
9	<p>Which of the following is an example of Proprietary software?</p> <p>a) Linux    b) Windows    c) Mozilla Firefox    d) None of the above</p>	
10	<p>Arrange the following units of memory in decreasing order of storage.</p> <p>i) KB (Kilobyte) ii) GB (Gigabyte) iii) MB (Megabyte) iv) TB (Terabyte)</p> <p>a) iv) TB ii) GB i) KB iii) MB b) ii) GB iv) TB i) KB iii) MB c) iv) TB iii) MB i) KB ii) GB d) iv) TB ii) GB iii) MB i) KB</p>	
<b>SECTION – B</b>		
11	What is System Software? List its types.	2
12	<p>Find errors in the following code fragment. (Rewrite the program underlining the corrections made)</p> <pre>i = 10 difference == 0 for i in range[10,0,-3]:     if i % 2 == 0:         difference = difference - i     Else:         difference = difference – i print(difference)</pre>	2
13	<p>What will be the output of the following code fragments?</p> <p>i. a,b,c=10,20,30 a,c,b=b-5,a-3,c-6 print(a,b,c)</p> <p>ii. a, b = 3, 17 c, d = b*2, a%2 f=5 if a&gt;3 and d!=0:</p>	2

	<pre>f += a*2//3 elif a&gt; 2 and not d:     f+= a/2*3 else:     f+= c**d+a print(f)</pre>	
	<b>Section C</b>	
14	Draw the block diagram of a computer system. Briefly write about the functionality of each component.	3
15	How many times the following loop will execute and also find the output for the same:  i. for i in range (300, 100, -30):  print (i, end=",")  ii. for J in range (101,125):  if J % 3 == 0:  print(J)  iii. a='all the very best'  for i in a:  if i in 'aeiou':  print(i)	3
	<b>Section D</b>	
16	Write a Python program to input rent of a tenant and calculate and display the maintenance charges based on the following criteria and also total amount by adding maintenance charges and rent amount.  House Rent	