

Roll No.

Z-15-X

Total No. of Questions : 31]

[Total No. of Printed Pages : 4

11th ARM(SZ)JKUT2024

1215-X

INFORMATION PRACTICES

Time : 3.00 Hours]

[Maximum Marks : 70

Section-A

(Very Short Answer Type Questions)

1 each

1. The output of OR Gate with two inputs A and B is '0' when :

(A) A = 1, B = 0

(B) A = 0, B = 1

(C) A = 1, B = 1

(D) None of these

2. 1 MB is equal to kb.

3. Mouse, Keyboard, Monitor are all input devices.

(True/False)

4. Window 10 was released in the year :

(A) 2010

(B) 2012

(C) 2015

(D) None of these

11th ARM(SZ)JKUT2024—1215-X

Turn Over

Z-15-X

5. The diamond box symbol in flowchart represents two different conditions.
(True/False)
6. Full form of Fortran language is
7. Which of the following is not the valid variable name in Python ?
(A) abc (B) abc2
(C) 2abc (D) ab2c
8. Python is a high level programming language. (True/False)
9. IOT is referred as
10. Google drive is an example of cloud-based storage service.
(True/False)

Section-B

(Short Answer Type Questions—I)

2 ea

11. What is the function of ALU in Computer ?
12. Convert the decimal number 14 into its binary equivalent.
13. Define Hexa decimal number system.
14. What is the role of indentation in Python ?

11thARM(SZ)JKUT2021-1215-X

Z-15-X

15. What are keywords in Python ?
16. Define single user operating system.
17. What is Firmware ?
18. What is low level programming language ?
19. What is cloud computing ?

Section-C

(Short Answer Type Questions—II)

3 each

20. Explain briefly the importance of information technology in the field of education.
21. Explain OR Gate with its truth table.
22. Differentiate between compiler and interpreter.
23. Explain briefly the syntax and semantics in programming language.
24. Explain in brief any *three* features of Python.
25. Write a program in Python to find area of circle.
26. What are the various rules for naming a variable in Python ?
27. How is Augmented reality different from virtual reality ?
28. What is big data ? Explain in brief any one characteristic of big data.

(4)

Section-D

(Long Answer Type Questions)

5 each

29. What is Primary Memory ? Explain ROM in detail.

Or

What are output devices in computer ? Explain any *two* types of output devices.

30. What is operating system ? Explain any *three* functions of operating system. <https://www.jkboseonline.com>

Or

Discuss the following types of operating system :

(A) Batch operating system

(B) Multitasking operating system

31. What are operators in Python ? Discuss any *two* types of operators available in Python.

Or

Write a program in Python to swap two numbers.

11th ARMISZ/JKUT2024-1215-X

Z-15-X