

INTERNATIONAL INDIAN SCHOOL BURAI DAH
Annual Examination (2024-2025)
Class: 7/ Subject: Computer Science
QP Pattern and Worksheet

Total Marks:40

Fill in the blanks

1. In Python, the flow of execution is altered by the use of _____ statements.
2. The _____ operator is used to concatenate or join two or more strings.
3. _____ is a security system that protects your computer by preventing the unauthorized users from gaining access to it through the network or internet.
4. A _____ can be an online stranger or a person known to the targeted person.
5. AI based apps use a highly accurate _____ for processing data.

Write T for True and F for the False statement

1. Alexa is a device that makes use of NLP to interpret voice commands.
2. Computer vision is a field that deals with the processing of language.
3. High precedence operators are operated before the lower precedence operators.
4. The decryption software is used to produce the encrypted text.
5. To protect data and important information, strong passwords should be used.

Choose the correct option.

1. Which blocks of statements will be executed first if the conditional expression evaluates to false in the if else construct?
2. The values on which the operators work are known as _____.
3. What is the full form of VIRUS?
4. What do you call the process that converts the electronic data into a form that cannot be easily understood by anyone?
5. Which statement enables the execution of a statement to repeat till the condition is True?

Answer the following questions

1. Define operators. Also list different types of operators.
2. What is the difference between '/' and '//' operator?
3. Distinguish between logical and relational operators.
4. What is the cyber-crime? Give an example.
5. What is cyberextortion?
6. What is the difference between cyberstalking and cyberbullying?
7. What is machine learning?
8. What is NLP? Name a few popular apps that make use of NLP.

QP Pattern

A. Fill in the blanks (1Mx7=7M)

B. Write T for True and F for the False statement. (1Mx7=7M)

C. Choose the correct option. (8Mx1=8M)

D. Answer the following questions (6x3M=18M)