

GRADE 5

CH-4

COMPUTER SOFTWARE

Makhal

Q/A

1. What is Operating system?

Ans: : A set of system programs that control and manage the operation of a computer system is called an operating system.

2. What are the different types of pre-written software?

Ans: The different types of pre-written software are

1. Application software
2. System software
3. Utility software

3. Define computer language.

Ans: A computer language is the bridge between the computer and the user.

4. Name different types of computer language.

Ans: The different types of computer languages are

1. Machine language
2. Assembly language
3. High-level language

5. Explain the use of high level language.

Ans: High-level languages enable the programmer to write instructions using English words and usual mathematical notations.

6. What are the different types of application software?

Ans: The different types of application software are-

1. Single-functions
2. Integrated-functions

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Name				Semester	2 nd
Grade	5th	Section		Worksheet	1
Date		Subject	Computer	Learning Python	

A. Choose the correct option and write in the space provided.

- To save the Program we choose _____.
 (a) File>Save (b) File>RUN (c) File> Open
- _____ is part of Python's integrated development environment
 (a) Python Shell (b) Hardware (c) Command
- _____ are controlled by programs.
 (a) LCD TV (b) output (c) input
- _____ is a way to use instructions.
 (a) Programming Language (b) Hardware (c) Internet
- Python doesn't have a lot of complicated _____.
 (a) Symbols (b) Text (c) Pictures
- What is a output of `>>> print("Learning Python")`
 (a) Learning Python (b) "Learning Python" (c) Print

B. Fill in the blanks. (Prompt, Python, CTRL+S, Print, Operators, Syntax, Constants, Variables)

- Python have an interactive shell into which you can enter your programs.
- The three greater than (`>>>`) sign is called Prompt.
- Print Command is use to display the output on the screen.
- CTRL+S is a shortcut to save the python file.

5. Variable is a place to store the value.
6. Constant is a place to store the value that cannot be changed.
7. Syntax is the rules for writing the python.
8. The basic operators in python is called Operators.

C. Write 'T' for the true and 'F' for the false ones.

1. We use parentheses in a programming language to control the order of operations. T
2. Python is easy and friendly language. T
3. Print command use to generate the output. T
4. We can use variables and strings in python. T
5. Multiplication and division have a higher order than addition and subtraction. T
6. IDLE stands for Information Data Language Engine. F

D. Answers of the Questions.

1. What is a Programming Language?

Answer: A Programming Language is way to communicate with the Computers. For example Python.

2. What is a Python?

Answer: Python is a widely used high-level programming language first launched in 1991.

3. What is a Prompt?

Answer: The three greater-than signs (>>>) are called the prompt.

4. Write Print Command in Python with example?

Answer: Print command is used to generate the output on screen.

Syntax: >>>Print("Learning Python")

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5. What is a Syntax?

Answer: Syntax are rules for writing the Python Program. If you will not follow the rules then there will be an error called syntax error.

6. What is a Variable?

Answer: Variables are the containers to store the values.

7. What is a Constants?

Answer: A constants is type of variable that holds the values that cannot be changed.

8. Write the Operators in Python?

Answer: The basic symbols used by Python to perform mathematical operations are called operators. Addition (+), Subtraction (-), Multiplication (*), Division (/).

9. Write the Order of python Operators?

D-DIVISION

M-MULTIPLICATION

A-ADDITION

S-SUBTRACTION

(D-MAS RULE)

10. Write a Program that Print your name?

Answer: `>>>print("Sobia")`

Output: Sobia

11. Write a Program that Print your grade 6 times?

Answer: `>>>print("Six " * 6)`

Output: Six Six Six Six Six Six

12. Write the Program that Print your age?

Answer: `>>>print(26)`

Output: 26

13. Solve the Equation using Python Code and Print Output.

$$5 + 1 * 2$$

Answer: `>>> 5 + 1 * 2`

Output: 7

14. Store the Value 10 in Variable name as Apple and Print it.

Answer:

```
>>> Apple = 10
```

```
>>> print(Apple)
```

Output: 10

15. Generate the Output.

```
>>> A=10
```

```
>>>print("A")
```

Answer: **Output: A**

16. Generate the Output.

```
>>> A=10
```

```
>>>print(A)
```

Answer: **Output: 10**

NOTE: PLEASE PRACTICE WELL AND ALSO PREPARE YOURSELF FOR UNSEEN CODING QUESTIONS