



Mizpah Christian School - <https://www.mizpahchristianschool.org>

Topic :Test 2022 - April - Class 8

A) Fill in the blanks (1x5=5)

- 1) ____ is an example of arithmetic operator in python
- 2) ____ may contain upper-case and lowercase letters but can not begin with a digit
- 3) ____ and ____ are two forms of algorithms
- 4) ____ refers to a binary decision based on some condition.

B) Questions and Answers (2x4=8)

- 1) Convert Octal number 2705 to Binary, Decimal
- 2) Convert the following hexadecimal number to their decimal equivalents
 - a) C
 - b) 9F
- 3) Convert the following decimal numbers to their hexadecimal equivalents
 - a) 80
 - b) 2560
- 4) Convert the following decimal numbers to binary equivalents
 - a) 64
 - b) 128

C) Long Questions Answers (3x4=12)

- 1) What are the different steps followed to develop an algorithm
- 2) Write an algorithm to read two numbers and find their sum.

Inputs to the algorithm

First num1.

Second num2.

Expected output:

Sum of the two numbers.

3) Write algorithm to find the greater number between two numbers

4) Predict the data types of the following -

a) var1 = 10

b) var 2 = 1

c) var3 = 'mizpah'

END