

Mizpah Christian School - April Test 2022 - Class 9

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

- 1) ____ is the hex value of the binary number 11100010?
- 2) ____ is the decimal number 151 in binary
- 3) ____ number system is most native to a computer?
- 4) 'list_of_names' is a ____ variable name (valid / invalid)
- 5) ____ is a logical operator in python

B) Questions and Answers (2x4=8)

- 1) Define the following
 - a) Constant
 - b) Method
- 2) Convert the following Hexadecimal to decimal -
 - a) 888.8
 - b) EBA.C
- 3) Convert the following hexadecimal to decimal
 - a) 631.25
 - b) 100000.00390625
- 4) Convert the following binary numbers to decimal numbers
 - a) 11100.001
 - b) 110011.10011

C) Long Questions Answers (3x4=12)

- 1) Write pseudo code for the following -
 - a) $S = (A + B + C) / Y$
 - b) area of circle
- 2) Name any three data types python has
- 3) What are the different types of algorithms
- 4) Give some features of Python programming Language