



FACULTY HIGHER SECONDARY SCHOOL

Sample Question Paper 20119

Sub – COMPUTER SCIENCE

Class - XI (SCIENCE)

Full Marks -50

Duration --2 Hrs.

- Instructions:** (i) All questions are compulsory.
(ii) This question paper contains [03] number of questions and [01] printed pages
(iii) Questions 1 , 2,3 , carries 2 marks each.

1. a) Who developed Python programming language ?
b) What are basic unit of computer?
c) What is the function of memory?
d)What is difference between RAM and ROM?
e) What is a compiler?
f)What is computational thinking ?
g)What are two types of else clause in python ?
h)What is algorithm ?
i)What are loops present in Python ?
j)What is the difference between interactive mode and script mode in python ?

2. a) Convert to decimal.
i) $(1010)_2$
b) Convert to binary.
i) $(22)_{10}$

c) Convert to binary
i) $(3674)_8$
d) Convert to octal.
i) $(B2F)_{16}$

3. a) What is flow chart ? What are symbols used in flow chart ?
b) Write the output of following program :
A,B,C,D=9.2, 2.0, 4, 21
print(A/4)
print(A//4)
print(b**c)
print(D//B)
print(A%C)
c) Write a python program to display “hello world”
d) Write a python program to obtain three numbers and display their sum
e) Write a python program to obtain length and breadth of a rectangle and display its area
f) Write a python program to print 1 to 10 using for loop
g) Write a python program to calculate the factorial of a number .
h) Write the differences between expression and statement in Python
h)What is token ?What are different types of token ?
i)What is a list ?
j)What are basic operator of strings ?