Sub: Computer Science (083)

Class-XII

Chp-Python Revision Tour-1

Class Test – 1

Part-A (MCQ, Short Answer Question)

15 X 1 = 15

Q.1. Find the invalid identifier from the following

* 1. a) MyName b) True c) 2ndName d) My\_Name
  2. Q.2.Which is not valid keyword in python ?
  3. a) global b) nonlocal c) yield d)switch

Q.3. Identify the valid arithmetic operator in Python from the following

a) ? b) < c) \*\* d) and

Q.4. Name the built-in mathematical function / method that is used to return an absolute value of a number.

Q.5. Which value type does input () return? (a) Boolean (b) String (c) Int (d)Float

Q.6. Which of the following is valid arithmetic operator in Python:

(a)in (b) !=(c) &(d) %

Q.7. Which of the following is valid logical operator in Python:

(a) not in (b) = (c) << (d) //

Q.8. Which value type does bool () return? (a) Boolean (b) String (c) Int (d)Float

Q.9. Which of the following is valid membership operator in Python:

(a) and (b) not (c) is (d) in

Q.10. What will be the value of the expression? 14 + 13 % 15 (a) 14 (b) 27 (c) 12 (d) 0

Q.11.What will be the value of the expression? 14 \*\* 12 %10 (a) 4 (b) 7 (c) 12 (d) 10

Q.12.What will be the value of the expression? 14 %10\*3 (a) 14 (b) 10 (c) 12 (d) 30

Q.13.What will be the value of the expression? (12 +10+30)%10 (a) 4 (b) 1 (c) 2 (d) 3

Q.14.What will be the value of the expression? (12%10%3)\*\*3 (a) 4 (b) 2 (c) 8 (d) 12

Q.15. Name the built-in mathematical function / method that is used to return nearest integer of a given number

which is not greater than the given number?

Part-B

Q.16. Find out output of the following code: 2 X 2 = 4

(i) i=10

j=0

while i<j:

print(i,j)

i-=1

j+=1

(ii) for i in range(0,10):

if i % 2= = 0:

print(i\*2,end=” ”)

else:

print(i\*5,end=” ”)

Q.17. Find error in the following code: 2 X 2 = 4

(i) For in range(10)

print i

(ii) 1 = i

While i<=10

print(i\*3)

i+1=i

Q.18. Convert the following loop into while loop 1

for i in range(1,10,1):

if i%5 = = 0:

print(i+5)

if i%7 = = 0:

print(i+7)

Q.19. Convert the following loop into while loop 1

i = 1

n=5

while i<=n+1:

sum=sum+i

i=i+2

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