SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET –517102.
I B.Tech II Semester (SVEC-19) Mid-I Examinations, June - 2020
(19BT10531) PROGRAMMING FOR PROBLEM SOLVING LAB
(Common to ECE,EEE and EIE)

Question 1

Which of the following functions are used to retrieve the ASCII value of a given character of a string

A)chr()

B)ord()

C)id()

D)type()

Question 2

Which of the following is not a valid data type in Python

A) str

B) int

C) float

D) double

Question 3

Identify the wrong arithmetic operator from the following

A) **

B) //

C) ++

D) +

Question 4

Predict the output of the following statement: a=23<<2

A) 192

B) 92

C) 94

D) 91

Question 5

Predict the output for following program

```
for i in range(1,10,2):
    print(i)
```

A) 1 to 10

B) 1 to 9

C) 1 to 9 all odd numbers

D) 0 to 9

Question 6

Predict the output for following program

```
a=True
b=False
c=False
if a or b or c:
    print('SVEC')
elif a and b and c:
    print('CSE')
elif a or b:
    print('ECE')
else:
    print("EEE")
```

A) CSE

B) EEE

C) ECE

D) SVEC

Question 7

Which of the following is an invalid statement

A) a_b_c=100

B) a,b,c=10,20,30

C) a,b=10

D) a,b=10,20,30

Question 8

What is the output of this expression 2**3+2*4
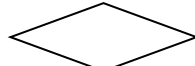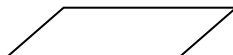
A) 16

B) 40

C) 30

D) 120

Question 9

Select the symbol used for decision making in flowchart.

A)

B)

C)

D)

Question 10

Predict the output for following program

```
for i in range(1,10):
    if i==3:
        print("hello")
        break
else:
    print("SVEC")
```

A) hello

B) SVEC

C) hello, SVEC

D) 3 times hello

Question 11

Predict the output for following program

```
a=3
a=3.4
a='hello'
print(type(a))
```

A) <class 'int'>

B) <class 'str'>

C) <class 'float'>

D) None

Question 12

Predict the output for following program

```
a=3
b=4
print(a//b)
```

A) 0

B) 0.75

C) 0.0

D) None

Question 13

Which of the following statement used to represent empty blocks in python.

A) break

B) pass

C) continue

D) goto

Question 14

Select the control statement which will not work in python

A) if

B) while

C) switch

D) break

Question 15

Select the membership operator

A) and

B) in

C) is

D) <

Question 16

Input() will read

A) complete line at a time

B) only one word

C) only one character

D) multiple lines at a time

Question 17

a='0b1100', which of the following statement is correct to convert given binary string in to decimal number.

A) int(a)

B) int(a,2)

C) bin(a)

D) None

Question 18

Predict the output for following program

```
a=5
a=20
del a
print(a)
```

A) error at print statement

B) 5

C) 20

D) 25

Question 19

Which of these is not a core data type

A) list

B) tuple

C) class

D) int

Question 20

Which of the following statement terminates the loop statement and transfers execution to the statement immediately following the loop?

A) continue

B) break

C) pass

D) None