

# P. P. Memorial Academy

4<sup>th</sup> Term (Online)

Class – VIII

Subject: Computer

Session: 2020 – 2021

Time: 30 minutes

Full Marks: 20

Name: .....

Class: .....

Subject: .....

Instructions:

- i) Read the question paper very carefully and answer all the questions.
- ii) Do not copy the questions, write only the answers.
- iii) Mention the question number, number of the right answer and the answer itself.
- iv) Take a clear picture and submit it in my personal number.

Attempt all the 10 questions.

20 x 1 = 20

1. Which of the following is a valid name for identifier?

- a. \$ellPrice
- b. Sell Price
- c. SellPrice
- d. 1stSellPrice

2. Which among the following is an incremental operator?

- a. ++
- b. --
- c. ||
- d. &&

3. Which among the following is not a logical operator?

- a. <<
- b. &&
- c. !
- d. ||

4. Which among the following is not a Token?

- a. Keywords
- b. Data Types
- b. Literals
- d. Identifiers

5. Which of the following is not a punctuator?

- a. ; (semicolon)
- b. , (comma)
- c. . (dot)
- d. : (colon)

**6. Which of the following is not a keyword?**

- a. if
- b. else
- c. class
- d. not

**7. Which of the following is not an arithmetic operator?**

- a. %
- b. &
- c. \*
- d. /

**8. Which of the following operator we use if the both conditions have to be satisfied?**

- a. ||
- b. &&
- c. ==
- d. !=

**9. Which of the following is not a literal in java?**

- a. Class
- b. Object
- c. Boolean
- d. String

**10. Java is a/an:**

- a. Principal Oriented
- b. Order Oriented
- c. Class Oriented
- d. Object Oriented

**11. Find the output of the following program:**

```
int a = 1, b=2, c=3;

c = ++a - ++b * ++c - c--;

System.out.println(c);
```

- a. -14
- b. -15
- c 14
- d. 15

**12. Predict the output of the following program:**

```
int a = 12, b = 13, c=12;

c=a++ + ++a/7 + b++ % ++c;

System.out.println(a+", "+b+", "+c);
```

- a. 11, 12, 13
- b. 12, 13, 14
- c. 13, 12, 11
- d. 14, 14, 14

**13. Predict the output of the following program:**

```
int a = 15, b = 15, c=0;  
c=++a + a++/(3 + ++b)*c;  
System.out.println(a+, "+b+", "+c);
```

- |               |               |
|---------------|---------------|
| a. 16, 16, 17 | b. 15, 17, 16 |
| c. 17, 16, 16 | d. Error      |

**14. What will be the output of the following program?**

```
int sum 23;  
for(i=2;i<=5;i++)  
{  
    sum = sum*i;  
}  
System.out.print(sum);
```

- |         |          |
|---------|----------|
| a. 2760 | b. 2550  |
| c. 2860 | d. Error |

**15. Predict the output of the following program:**

```
float num=110;  
System.out.println((num!=num)?"OK":"NOT");
```

- |         |          |
|---------|----------|
| a. OK   | b. NOT   |
| c: NONE | d. ERROR |

**16. How many times loop will be iterate?**

```
int total=0;  
for(int i = -2; i >=-12; i--)  
{  
    total = total +i;  
}
```

- |       |         |
|-------|---------|
| a. 11 | b. 12   |
| c. 13 | d. None |

**17. What will be final value of the *last*?**

```
int last = 1, i;  
for(i=0; i>=1; i++)  
{  
    last++;  
}  
System.out.println(last);
```

- |        |         |
|--------|---------|
| a. 1   | b. 10   |
| c. 100 | d. None |

**18. What will be the output of the following program?**

```
int m = 2, n=15, i;  
for(i = 1; i <5; i++)  
{  
    m++;  
    n--;  
}  
System.out.print("M= "+m+", N= "+n);
```

- |                |                |
|----------------|----------------|
| a. M= 5, N= 10 | b. M= 6, N= 10 |
| c. M= 6, N= 11 | d. M= 5, N= 11 |

**19. Find the final value of 'a'.**

```
int a = 12, b = 13, c = 14;  
a = b++ + ++a %2 * c--;  
System.out.print(a);
```

- |       |         |
|-------|---------|
| a. 17 | b. 27   |
| c. 37 | d. None |

**20. Predict the output of the following program:**

```
int a = 15, b = 13, c;
```

```
c = (a!=b) ? a++ * b: ++b * a;
```

```
System.out.print(c);
```

a. 595

b. 395

c. 195

d. 210