JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet (2) – 2020

Grade – 11 | Information & Communication Techonology

Name/Index No : …… Mrs.S.Kayathri, NDT(ICT)

INSTRUCTIONS :

- Answer all the questions.
- Answer the questions on answer sheets only.
- Read the respective lesson units thoroughly and comprehend before you attempt answering the questions.
- File the completed answer and hand over to the class teacher when the school reopens.

Answer all questions based on Pascal programming.

1.The index of array A is stored values.

5	7	4	6	2	9
Index 0	1	2	3	4	5

i. What is the value consisted in index of array 0?

……..

ii. Which of the following indexed item can be used to store highest value?

……..

2. Consider the following programme segment & write down output.

1)
```
var  num : array[0..5] of Integer;
begin
        num[0] := 20;
        num[1] := 10;
        num[3] := 30;
        num[2] := num[0] + num[3];
        num[4] := num[1] + num[2];
        num[5] := num[0] + num[2];
        For i := 1 To 3 Do
                writeln (num[i]);
end.
```

……..

2)
```
        var i, count : integer;
count := 0;
i := 0;
while (i<6)
        begin
```

www.ikedu.lk

```
            if A[i] := 6 then
                count := count+1;
                i := i+1;
        end;
    write (count);
    end.
```

……

3)
```
var x :integer;
begin
        x := 1;
        repeat
                write(x);
                x := x+1;
        until (x=3);
end.
```

……

3. The array numarray[ ] is defined to stored the 5 numbers from 1 to 5. The following for loop missing values in A and B. It is used to store the above 5 numbers in numarray[ ].

```
For I = 1 To A Do
        numarray[B] = i;
Next i;
```

Write down the relevant values for A and B.

4. Sub programme which returns an output is called a …… and which doesn't return an output is called as ……
5. Write down two examples for low level language.
6. …….. language directly understand by the computer.
7. Symbols are used to …… language.
8. What are the two translators are used in high level programming language?
9. What is the main concept of paradigms?
10. Write down two programming language are used in object oriented language?
11. Write down two difficulties of structured and object oriented programming language?
12. Compare the difference between the programming and scripting?
13. Give three examples for language translators?
14. What is the translator used in Pascal programming?
15. What is the main difference between compiler and interpreter?

***

www.ikedu.lk