

First Year Computer Application Com Second Term Exam Answer Key (FY 46)

Unofficial

1 Mark Answers

1 to 6 (any 5)

1. Subscript /radix /base
2. Register/ any register name
3. Flowchart
4. area
5. ?: / conditional operator
6. default

2 Marks Answers

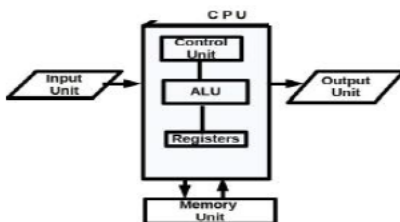
7 to 17 (any 9)

7. A=162
B=72
8. ASCII,UNICODE,ISCII,EBCDIC (any 2)
9. System software - Windows ,Unix
Application Software - Gimp, OpenOffice writer
10. Mouse,Keyboard, Light Pen, Joystick
(or any 4 i/p device name)
11. Top down ,Bottom up
12. Literals: are values that never change during execution
Keywords - reserved words that convey a specific meaning
13. Integrated development environment (or explnation)
Eg:Geany
14. L value (left value)- Memory Address
R value (Right value)- Content
15. Unary - Single operand
Eg: unary +,-,++,--
16. 6 5
17. Instructions to compiler before execution
Eg:#include<headerfile>
18. Initialization ,Test expression ,Update ,
Loop body

3 Marks Answers

19 to 29 (any 9)

19. Functional units



20. RAM (Volatile, Faster, Temporary, Full form)
ROM (Read only, Non-volatile, Slower, Permanent, Full form)
21. Operating System : Interface between user and computer
Memory ,Device, File, Process management (any 2)
- 22.a.Coding:Writing program instructions using HLL
b.Transalton:Convert source code to machine code
c. Debugging:Detect and correct errors in programs
- 23.Fundamental building blocks of a program/
Lexical units/Words
Keyword ,Identifier,Literals ,Punctuators,Operators.(Any 4)

24. a. -5 b. 1 c.2
25. Cascading : Use input or output operators more than one in a single statement .

Eg: cin>>a>>b>>c
cout<<"sum"<<a+b+c;

- 26.int float char double void (explanation of any 3 data types)

```
#include<iostream>
using namespace std;
int main()
{
    float r,area;
    cout<<"Enter radius";
    cin>>r;
    area=3.14*r*r;
    cout<<"Area of circlce is "<<area;
}
```

28. a) 10

```
b) i=1,sum=0;
while(i<5)
{
    sum=sum+i;
    i=i+1;
}
cout<<sum;
```

29. .comparison of if else if with switch (any 3 points)

If ... else if:

Permit multiple branching Permit Evaluates any relational or logical expression,If expression value is false, else block will executed,Program control automatically goes out after the completion of a block

Switch :

multiple branching,Case value must be integer or character Condition.If no match is found , default statement is executed break statement is required for exit from the switch statement

5 Marks Answers

30 to 32 (any 2)

30. a) CPU/processor
b) jpg, bmp, gif, tiff (any 2 image format)
c. Data processing steps:
Capture Data, Input, Storage, Process, Output, Distribution
31. a) Reuse ,Recycle ,Incineration, Land filling
b. Universal serial bus
c. PrimaryMemory : Cache, RAM
Secondary Memory : CD, Pendrive
32. a) (i)Logical error (ii) Syntax error
b) Algorithm for sum average of three numbers
1. Start
2. Input 3 Numbers A,B,C
3. Sum=A+B+C
4. Avg =Sum /3
5. Print Sum, Avg
6. Stop