

CT/ Quiz - 01
CSE 113
Programming and Problem Solving
Set-B

Time: 40 mins

Marks: 15

- 1) Define data type modifier with example. Find the output of the following program:

```
#include<stdio.h>

int main()
{
    int p=2,q=6;
    q-= p++;
    p = p && !q;
    int r = --p;
    printf("p=%d\nq=%d\nr=%d\n",p,q,r);
    return 0;
}
```

(05)

- 2) What do you mean by tokens and classify them? Suppose 'AHAS' is a 6 bit long signed integer which has a format specifier '%rt'. Now, explain the output of the program:

```
#include<stdio.h>
int main()
{
    AHAS n=39;
    printf("%rt",n);
    return 0;
}
```

(05)

- 3) What do you mean format specifier. Explain whether the following identifier are legal or illegal:

3D, pi, %done, num\$, area_under_the_curve

(05)