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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: (05)

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

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