



## GMR Group Written Test Questions

### ARITHMETIC ABILITY:

Q1. There are some 20 Basketball players & 30 Football players and 25 cricket players. 1 of them plays all the three games. 8 of them plays atleast two games. They are 50 altogether. How many of them plays none of the games?

Q2. If the length of the rectangle is reduced by 20% and breadth is increased by 20 %, what is the net change?

ANS: 4 % decrease

Q3. If the area of the square is increased by 69 %, how much the length of the side will increase?

ANS: 30%

Q4. B is 20 miles east of A. D is 30 miles east of C. E is 10 miles north of D. C is 20 miles north of B. How far E is from A?

Q5. If the sum of five consecutive numbers is 35, how many prime numbers are there?

ANS: 2 primes.

### TECHNICAL SECTION:

Q6. What is the error in the following program?

```
main()
{ int l; for(;;)
{ printf("%d,l++)
```



```
if(l>10) break; } }
```

- a. condition in a for-loop is must
- b. no error
- c. 2 ; should be dropped

Q7. If W is a sequence of strings without a and W is its reversal, then WaW is accepted by:

**ANS:** Context Free Grammars

Q8.

```
void goop ( int z[]);  
//prototype int x[10];
```

which one is the correct way to call goop?

- a. `goop(x);`
- b. `goop(x[]);`
- c. `goop(x[10]);`
- d. `goop(&x);`
- e. `goop(&x[]);`

Q9. What is the output of the following program?

```
char string [8] =abcdefg;  
*string=;  
printf("%s,string);
```

- a. compiler error
- b. run-time error
- c. no o/p, but no error
- d. creates bcdefg



Q10. What is the output of the following program?

```
main()
{ int l=-3, j=2,k=0,m;
  m=++l&&++j||++k;
  printf( "%d%d%D", l,j,k,m);
```

- a. -2 3 0 1
- b. -2 3 1 1
- c. -2 3 1 0
- d. -2 3 0 0

Q11. What is the output of the following program?

```
char string[8]=abcdefg o/p : printf(%s ,string +3);
```

- a. abcdefg
- b. abc
- c. defg
- d. cdefg