一、

1. B
2. B
3. B
4. D
5. C
6. D
7. B
8. A
9. C
10. D

二、

1. 0 1 3 3
2. 1.5*exp(x)+2*sin(x)+3*log(x)/log(a)
3. float
4. ch>='0' && ch<='9'
5. 10
6. good d

三、

1. 20
2. 10
3. 1,mincomputer
4. 1357
5. 302010

四、

1.

(1) const

(2) i<j

(3) a[i]=a[j-1]

(4) a[j-1]=t

(5) --

2.

(6) sieve[i]=1

(7) sieve[factor]==1

(8) sieve[k]=-1

(9) k+factor

(10) factor++

3.

(11) p==q

(12) max=s

(13) p,max

(14) p+1, q

(15) array,&array[N-1]

五、

1.

```
#include <stdio.h>
#include <math.h>
double T(float a, float b, float c){
 return (4.25 * (a + b)) + log(a + b + sqrt(a + b) + 1 / (a + b)) / (4.25 * c + log(c + sqrt(c) + 1 / c));
}
int main(){
 float m[10][3];
 double res;
 printf("请输入10组a,b,c值:\n");
 for (int i = 0; i < 10; ++i) {
 for (int j = 0; j < 3; ++j) {
 scanf("%f", &m[i][j]);
 }
 }
 FILE *file;
 if ((file=fopen("data.txt","w"))==NULL){
 printf("打开文件失败\n");
 return 0;
 }
 for (int i = 0; i < 10; ++i) {
 res = T(m[i][0], m[i][1], m[i][2]);
 fprintf(file, "%f\t%f\t%f\t%lf\n", m[i][0], m[i][1], m[i][2], res);
 printf( "%f\t%f\t%f\t%lf\n", m[i][0], m[i][1], m[i][2], res);

 }
```

```
 fclose(file);
 return 0;
}
```

2.

```
#include <stdio.h>
int main(){
 int n,m;
 printf("请输入m:\n");
 scanf("%d", &m);
 int t=0,p=0,flag=1;
 n=m;
 while (n>10){
 t=n%10;
 n=n/10;
 p=n%10;
 if(t>p){
 flag=0;
 break;
 }
 }
 if (flag)
 printf("%d是降序数\n", m);
 else
 printf("%d不是降序数\n", m);

 return 0;
}
```

3.

```
#include <stdio.h>
#include <math.h>
#define EPS 1E-6
int main(){
 float a=0,b=-1;
 while (fabs(a-b)>EPS){
 a=b;
 b = b - (pow(b, 41) + b * b * b + 1) / (41 * pow(b, 40) + 3 * b * b);
 }
 printf("%f\n", b);
 return 0;
}
```