Question Paper Code : B
No. of questions : 60
Full Marks : 60
Time : 60 Minutes

1) C develop by
   (A) Dennis Retchie
   (B) Ken Thompson
   (C) Martin Ritchard
   (D)None of these

2) Operating system is always prenents in
   (A) low memory
   (B) upper memory
   (C) heigh memory
   (D) Extended memory

3) Find the output ?
   void main()
   {
   int x=256;
   charch=x;
   printf("%d",ch);
   }
   (A)-128   (B)256
   (C)255   (D)0

4) Which of the following is a correct declaration ?
   (A)int age;   (B)short age;
   (C)long age;   (D)all the above

5) Find the output ?
   void main()
   {
   char x=-130;
   char y=-5;
   printf("%i",x+y);
   }
   (A)-135   (B)-3
   (C)7   (D)121

6) Character constant is
   (A)1 bytes long
   (B)2 bytes long
   (C)System dependent
   (D)None of these

7) Find the output ?
   void main()
   {
   printf("%d",sizeof(5.3));
   }
   (A)2   (B)4
   (C)8   (D)suffering

8) Find the output ?
   void main()
   {
   printf("ab/*cd*/ef");
   }
   (A)abef   (B)ab
   (C)ab/*cd*/ef   (D)error

9) Find the output ?
   void main()
   {
   int a="%d";
   printf("%d",a);
   }
   (A)%d   (B)Garbage
   (C)37   (D)%

10) How to find generic root of a number ?
   (A)p%11   (B)p%9
   (C)p%13   (D)none of these

11) What is the value of x if a=b=c=1
   (A)0   (B)1
   (C)Syntax error (D)None of these

12) Find the output ?
   void main()
   {
   int a=2,b;
   b=a++ * ++a * a++;
   printf("%d",b);
   }
   A)27   (B)64
   (C)48   (D)None of these

13) Find the output ?
   void main()
   {
   int x=1,y=3,z=0;
   if(x!=y>=z)
   printf("right");
   else
   printf("Wrong");
   }
   (A)right   (B)wrong
   (C) compilation error (D)None of these

14) Find the output ?
   void main()
   {
   inti=5;
   i=++i + ++i + i++;
   printf("%d",i);
   }
   (A)21   (B)22
   (C)19   (D)None of these

15) In switch statement which of the followings is/ are true ?
   I. Only constant value is applicable
   II. Character constant are automatically converted to integer
   III.Nested if can be used in case statement

53) A bit field can be of
   (A)int   (B)float
   (C)doubl   (D)All of these

54) A file pointer is
   (A)A stream pointer
   (B)A buffer pointer
   (C)A pointer to a FILE datatype
   (D)All of the above

55) Which of the following is not a data file in C ?
   (A)Text file
   (B)Binary file
   (C)Executable file
   (D)None of these

56) A FILE is a
   (A)Name of a structure
   (B)Name of a file
   (C)It is a macro
   (D)None of the above

57) What is argc[0] ?
   (A)The number of argument to the program
   (B)The name of the program
   (C)The first argument to the program
   (D)This syntax is illegal

58) What is buffer size of a stream ?
   (A)256 bytes
   (B)512 bytes
   (C)1024 bytes
   (D)None of the above

59) Find the output if command is given command 10 20 30 40
   main(intx,char *y[])
   {
   int sum=0;
   intr,i;
   for(i=0;i<x;i++)
   {
   r=atoi(y[i]);
   sum=sum+r;
   }
   printf("%d",sum);
   }
   (A)10   (B)100
   (C)1000   (D)None of the above

60) Find the output ?
   main(intx,char *y[],char *z[])
   {
   inti=0;
   while(z[i])
   {
   printf("%s",z[i]);
   i++;
   }
   }
   (A)print list of environment variables
   (B)print list of command line arguments
   (C)Count number of command lines
   (D)None of the above

(A)10 11 (B)Garbage 11
(C)9 10   (D)Compilation error

44) find the output ?
```
void main()
{
externint a;
a=10;
printf("%d",sizeof(a));
}
```
(A)2 (B)0
(C)Compilation error (D)None of these

45) find the output ?
```
externint *show()
void main()
{
int *p,x=7;
p=show();
p=&x;
printf("%d",*p);
}
staticint *show()
{
staticint k=5;
return&k;
}
```
(A)5 (B)7
(C)0 (D)compilation error

46) State the correct statement
(A)The disadvantage of macro is that it is type neutral
(B)The function call overload is less in macro
(C)The macro name must be written in capital
(D)All of the above

47) Find the output ?
```
#define GAJODHAR 1
void main()
{
inti=10;
int j=15;
#ifdef GAJODHAR
printf("%d",i);
#else
printf("%d",j);
#endif
}
```
(A)10 (B)15
(C)No output (D)Compilation error

48) Find the output ?
```
#include"c:\\tc\\include\\stdio.h"
void main()
{
#ifdef_STDIO_H
```

printf("stdio.h is opened");
```
#else
printf("Not opened");
#endif
}
```
(A)stdio.h (B)Not opened
(C)compilation error (D)None of these

49) Find the output ?
```
#defineint char *
void main()
{
intptr="ganga";
puts(puts(ptr)-puts(ptr)+ptr);
}
```
(A)ganga
(B)gangagangaganga
(C)gangagangaganga
(D)No output

50) Choose the correct one
(A)A structure can be nested within same structure
(B)A value of one structure variable can be assigned to another structure variable of same or different type
(C)The entire structure can't be passed as a function argument
(D)In self-referential structure one member must be a pointer type

51) Find the output
```
struct student
{
int roll;
char name[10];
char city[10];
};
struct student s={10,"milan","puri",*p};
void main()
{
p=&s;
p->roll=20;
p->name=s.city;
printf("%d %s %s",s.roll,s.name,p->city);
}
```
(A)10milanpuri (B)20puripuri
(C)20milanpuri (D)compilation error

52) A union can be a member of
(A)Structure
(B)Array
(C)Both a and b
(D)None of these

(A)All of the above
(B)Both I & II
(C)Both II & III
(D)Only II

16) Find the output ?
```
main()
{
while(!printf("hello"))
{
}
}
```
(A)compilation error (B)no output
(C)printf("hello")) (D)hello

17) Switch-case statement does not implement on
(A)Non exclusive case
(B)Mutually exclusive case
(C)Mutually non Exclusive case
(D)Exclusive case

18) Find the output ?
```
void main()
{
char x='A';
switch(x)
{
if(x==A)
{
printf("tomtom");
}
else
{
printf("tom");
printf("harry");
}
}
}
```
(A)tomtom (B)harry
(C)tomharry (D)compilation error

19) Find the output ?
```
void main()
{
if(printf("hello"))
else
printf("hyy");
}
```
(A)hello (B)hyy
(C)compilation error (D)None of these

20) Find the output ?
```
void main()
{
switch(2)
{
case 2:
```

printf("no");
```
continue;
case 1:
printf("output");
default
printf("continue");
}
}
```
(A)no (B)nononono......
(C)nooutputcontinue (D)None of these

21) Find the output ?
```
void main()
{
inti=65,j=0;
for(j;j<4;j++)
{
i+1;
printf("%d",i++);
}
}
```
(A)B C D E (B)A B C D
(C)66 67 68 69 (D)None of these

22) Which of the following loop is controlled by user ?
(A)for loop
(B)while loop
(C)do-while loop
(D)All of the above

23) What will be output when you will execute following c code?
```
#include<stdio.h>
void main()
{
int check=2;
switch(check){
case 1: printf("D.W.Steyn");
case 2: printf(" M.G.Johnson");
case 3: printf(" Mohammad Asif");
default: printf(" M.Muralidaran");
}
}
```
Choose all that apply:
(A) M.G.Johnson
(B) M.Muralidaran
(C)M.G.Johnson Mohammad Asif M.Muralidaran
(D)Compilation error

24) What will be output when you will execute following c code?
```
#include<stdio.h>
void main()
{
int movie=1;
```

```
switch(movie<<2+movie)
{
default:printf("3 Idiots");
case 4: printf(" Ghajini");
case 5: printf(" Krrish");
case 8: printf(" Race");
}
}
```
Choose all that apply:
(A)3 Idiots GhajiniKrrish Race
(B)Race
(C)Krrish
(D)Ghajinish Race

25) What will be output when you will execute following c code?
```
#include<stdio.h>
void main()
{
int a=5,b=10,c=1;
if(a&&b>c)
{
printf("cquestionbank");
}
else
{
break;
}
}
```
Choose all that apply:
(A)cquestionbank (B)It will print nothing
(C)Run time error (D)Compilation error

26) What will be output when you will execute following c code?
```
#define PRINT printf("Star Wars");printf(" Psycho");
#include<stdio.h>
void main()
{
int x=1;
if(x--)
PRINT
else
printf("The Shawshank Redemption");
}
```
Choose all that apply:
(A)Stars Wars Psycho
(B)The Shawshank Redemption
(C)Warning: Condition is always true
(D)Compilation error

27) How many times the loop will iterate ?
```
void main()
{
register char i=1;
while(i)
```

```
{
printf("%d",i);
i++;
}
}
```
(A)infinite times   (B)255 times
(C)65535 times   (D)None of these

28) Address+1=_____
(A)Next address of it's type
(B)Next address
(C)Next segment address
(D)None of these

29) Find the output ?
```
void main()
{
*(char*)65='a';
printf("%c",*(char*)65);
}
```
(A)a   (B)A
(C)Error   (D)None of these

30) Find the output ?
```
void main()
{
int a[5]={2,3,4,5},*c=a;
(*c)--;
printf("%d",c);
}
```
(A)4   (B)1
(C)garbage (D)Pointer can't be decremented

31) What is the size of pointer if memory model is compact in Turbo C ?
(A)1 byte   (B)2 byte
(C)4 byte   (D)None of these

32) Array name is a
(A)variable   (B)pointer to constant
(C)constant pointer (D)constant

33) Find the output ?
```
void main()
{
char a[]="rama";
char b[]=a;
printf("%d %s",sizeof(b),b);
}
```
(A)5rama   (B)4rama
(C)5 r   (D)compilation error

34) Find the output ?
```
void main()
{
int a[]={6,7,8,9},i;
compute(a);
```

```
for(i=3;i>=0;i++)
printf("%d",a[i]);
}
compute(int *p)
{
inti;
for(i=0;i<4;i++)
{
*p=*p-1;
p++;
}
}
```
(A)5 6 7 8   (B)6 7 8 9
(C)8 7 6 5   (D)None of these

35) Find the output ?
```
void main()
{
char *s[]={"very""good""bye"};
printf("%s",s[0]);
}
```
(A)very
(B)verygoodbye
(C)compilation error
(D)None of these

36) Function return type may not be
(A)Double constant
(B)An array
(C)A pointer
(D)A pointer to another pointer

37) Find the output
```
void main()
{
int x=10;
x=callme(x);
printf("%d",x);
}
callme(int x)
{
int x=5;
x=x/2-3;
returnx,i;
}
```
(A)3
(B)5
(C)can't return more than one value
(D)Function should have a return type

38) Main() is a
(A)User defined function
(B)Library function
(C)keyword
(D)None of these

39) Find the output ?
```
void main()
{
bbsr()
{
printf("bbsr");
ctc();
{
printf("ctc");
}
}
printf("puri");
}
```
(A)puri   (B)bbsrctcpuri
(C)bbsrctc   (D)compilation error

40) Defaultretun value of a function is
(A)int   (B)char
(C)float   (D)double

41) Find the output ?
```
funct(str)
{
printf("%s",str);
}
void main()
{
funct('-"-"-'+"SIMPLE");
}
```
(A)SIMPLE   (B)garbage
(C)---SIMPLE   (D)compilation error

42) A variable having block scope is known as
(A)Local variable
(B)Private variable
(C)Public variable
(D)Internal variable

43) Find the output ?
```
void main()
{
show();
dis();
}
show()
{
externint x;
x--;
printf("%d",x);
}
int x=10;
dis()
{
x++;
printf("%d",x);
}
```