**C-MARATHON  
 Code – B  
No off question: 60   
Full mark :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

(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);

}

(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

**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