1. Identify the meaning of the idiom/phrase from the given options-

The saint's life was "an open book".

One that held no secrets

2. The passage below is accompanied by a set of questions. Choose the best answer to each question-

During his early days as editor of the popular magazine, Saturday Evening Post, George Lorimar did much of the reading of unsolicited stories. This meant endless hours of sitting at the desk, pouring over big stacks of manuscripts, trying to decide which were worthy of publication and which were not. Lorimar became an expert at making these decisions. One day he received a huffy letter from a would-be writer who had a complaint. "Last week you rejected my story, "she wrote. "I am positive you did not read it, because, as a test, I pasted together pages 14, 15 and 16. The manuscript came back with the pages still pasted. There is no question in my mind but that you are a sham and a disgrace to your profession." Lorimar's reply was succinct: "Madam, at breakfast when I crack open an egg, I don't have to eat the whole egg to know it is bad."

Lorimar did much reading of the stories –

when they came unsolicited

3. The passage below is accompanied by a set of questions. Choose the best answer to each question-

During his early days as editor of the popular magazine, Saturday Evening Post, George Lorimar did much of the reading of unsolicited stories. This meant endless hours of sitting at the desk, pouring over big stacks of manuscripts, trying to decide which were worthy of publication and which were not. Lorimar became an expert at making these decisions. One day he received a huffy letter from a would-be writer who had a complaint. "Last week you rejected my story, "she wrote. "I am positive you did not read it, because, as a test, I pasted together pages 14, 15 and 16. The manuscript came back with the pages still pasted. There is no question in my mind but that you are a sham and a disgrace to your profession." Lorimar's reply was succinct: "Madam, at breakfast when I crack open an egg, I don't have to eat the whole egg to know it is bad."

Lorimar was a good editor because –

he could find the worth of a story with a little effort

4. The passage below is accompanied by a set of questions. Choose the best answer to each question-

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The lady wrote a huffy letter because –

her story was rejected unread

5. The passage below is accompanied by a set of questions. Choose the best answer to each question-

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Lorimar's reply was-

witty

6. The passage below is accompanied by a set of questions. Choose the best answer to each question-

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Lorimar read the stories-

in order to publish them

7. The option which is a ANTONYM for the given word : OMIT   **Include**

8. The option which is a ANTONYM for the given word : INTEGRATION
Fragmentation

9. The option which is a SYNONYM for the given word : DEVOTION   **adherence**

10. The option which is a SYNONYM for the given word : MORTAL **deathly**

11. Substitute one word that relates most closely to given meaning-

"Tough tissues in joints"

Ligaments

12. Select the one which best expresses the given sentence in Passive/Active voice-

We are reaching the end of this exercise.

The end of this exercise is being reached by us.

13. Choose the option which is grammatically correct for the part of sentence in double quotes –

The teacher asked me "what is the matter"?

what the matter was?

14. Identify the part of the sentence with error – **footprints on their surface would**

15. A devastating earthquake had hit Mexico city.

P: Fifty more were later judged danqerously close to falling.

Q: The quake's force was measured at 7.8 on the Richter scale.

R: In four chaotic minutes, an estimated 250 buildings collapsed in downtown Mexico city.

S: It was the world's most severe quake since the quake in Chile last March.

The condition of 1000 others was reported unsafe.

The correct sequence should be

QSRP

16. Choose the alternative which has correct sequence of articles-

She has bought _ apartment in _ city.

an / the

17. Fill in the blanks with suitable prepositions -

The portrait was painted _ a famous artist who lived ___the 17th century.

by / during

18. Complete the sentence with the appropriate word-

In order to protest against the spiraling prices, the farmers have decided to stage a picket in an effort to ___.

make themselves heard

19. Fill in the blanks with suitable prepositions -

Mr. Hawking was walking __ a wood __ a rainy day.

through / on

20. Complete the sentence with grammatically appropriate word-

She always remembered __ her mother told her to avoid.

what

21. It takes 6 workers a total of 10 hours to assemble a computer, with each working at the same rate. If six workers start at 9.00 am, and one worker per hour is added beginning at 3.00 pm, at what time will the computer assembled?

6.00 PM

22. A and B undertake a project worth Rs. 54000 . A alone can do the work in 10 days. They work together for 3 days. After 3 days, B works alone for 3 days and A completes the remaining work in 3 more days.What is the share of B in the earnings?

Rs. 21600

23. Two pipes A and B can fill a tank in 20 and 30 minutes respectively. If both the pipes are used together, then how long it will take to fill the tank ?

12 mins

24. A cistern can be filled by a tap in 4 hours while it can be emptied by another tap in 9 hours. If both the taps are opened simultaneously, then after how much time cistern will get filled ?

7.2 hours

25. Some persons can do piece of work in 12 days. Twice the number of such persons will do half of that work in, how many days.

3

26. In a dairy farm, 40 cows eat 40 bags of husk in 40 days. In how many days one cow will eat one bag of husk.

40

27. A man can row the boat x km downstream and the same distance upstream in 12 hours. Also he can row the boat can row 4x km downstream in 10 hours. In what time, he can row the x km distance in upstream?

9.5 hours

28. A train is 100 meter long and is running at the speed of 30 km per hour. Find the time it will take to pass a man standing at a crossing.

12 seconds

29. A man can row upstream 10 kmph and downstream 20 kmph. Find the man rate in still water and rate of the stream.

15,5

30. Shubhranshu deposited Rs 8000 at simple interest which amounted to Rs 9200 after 3 years . Had the interest been 2% more, how much amount she would have got?

Rs 9680

31. A-clock gains five minutes every hour. What will be the angle traversed by the second hand in one minute?

360.5°

32. A person goes out home and returns after sometime. He notices during his absence clock's minute hand rotates 288°. How much does clock's hour hand rotate in that duration?

24°

33. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

Friday

34. A committee of 3 members is to be made out of 6 men and 5 women. What is the probability that the committee has at least two women?

(14/33)

35. If a refrigerator contains 12 cans such that 7 blue cans and 5 red cans. In how many ways can we remove 8 cans so that at least 1 blue can and 1 red can remains in the refrigerator.

455

36. P, Q, R, S, T, U, V & W are eight friends sitting in a circle facing towards the centre.

W is to the immediate left of P but is not the neighbour of T and S.

U is to the immediate right of Q and V is a neighbour of T.

R is between T and U.

Which of the following statements is true?

V is between W and T

37. Seven persons A, B, C, D, E, F and G are sitting in a straight line (not necessarily in the same order) facing north.

Only two persons sit between F and G and G sits second to the left of B.

D sits third to the left of C.

E sits exactly between G and B and B sits at the extreme right end of the row.

Who amongst the following sits at the extreme left of the line?

D

38. Complete analogous pair

Dog : Bark : : Goat :?

Bleat

39. Complete analogous pair-

Shield : Soldier

Helmet : Rider

40. Detect analogy :

Green : Violet : Orange

They are made by mixing other colours.

41. Choose or find odd word

Pineapple , Orange , Watermelon, Banana , Lemon

Banana

42. Find the next in the sequence in the series:

8, 10, 14, 18,_ , 34, 50, 66

26

43. If TABLE is coded as GZYOV, how is JUICE coded ?

QFRXV

44. If orange is called butter, butter is called soap, soap is called ink, ink is called honey and honey is called orange, which of the following is used for washing clothes ?

Ink

45. If in a certain code language, 'oka peru' means 'fine cloth' ; 'meta lisa' means 'clear water' and 'dona lisa peru' means 'fine clear weather' , which word in that language means 'weather' ?

dona

46. E is the son of A.

D is the son of B.

E is married to C.

C is B's daughter.

How is D related to E ?

Brother-in-law

47. A + B means A is the father of B ;

A - B means A is the wife of B ;

A x B means A is the brother of B ;

A ÷ B means A is the daughter of B.

If P + R ÷ Q, which of the following is true ?

P is the husband of Q

48. Rahul is originally facing South-East. He then turns left 3 times. What direction is he now facing?

South-West

49. In a hockey match, India was trailing Pakistan by 3 goals at half-time. Did India win the match?

I: In the second half, India scored 4 goals

II: Pakistan scored a total of 4 goals in the match.

If the data given in both the statements I and II together are not sufficient.

50. Statements:

All beans are pulses

All pulses are crops.

No crop is seed

Conclusions:

I. All crops are pulses

II. All beans are crops

Only II follows

51. If a Computer in a network accesses resources that are shared by other computer is called as:

Client

52. In computer network a short message that travels around the communication medium is called

Token

53. device which is used to connect two computers via an ordinary telephone line is

Modem

54. The last address of the IP address represents:

Broadcast

55. Which of the following is reliable communication.

TCP

56. Cache Memory is __.

SRAM

57. Which of the following block/s in any io device converts one form of energy into another form?

Transducer

58. Signal sent by the CPU to IO devices is called as

Command

59. Memory which is accessible directly by the CPU is referred as

Primary Memory

60. Which of the following access method/s is used in a Magnetic Tape memory?

Sequential Access

61. In which of the following CPU Scheduling algorithm/s starvation problem may occurs?

Both SJF & Priority

62. Which of the following is an output of linker?

Executable Code

63. To access the services of operating system the interface is provided by kernel through

System Calls

64. Swapping of processes between the main memory & swap area done by ___.

Memory Manager

65. Which state of process defined " Instructions are being executed"

Running

66. In which of the following data inconsistency problem occurs?

1. Race Condition
2. Critical Section Problem

67. Which of the following program is responsible for loading process from the main memory onto the CPU?

Dispatcher

68. The processes that are residing in main memory and are ready and waiting to execute are kept on a list called as

Ready Queue

69. ___ CPU Scheduling algorithm suffers from convoy effect.

FCFS

70. #include <stdio.h>

int main()

{

    int a;

    a = 012 + 0X10 * 5;

    printf("a = %d\n",a);

    return 0;

71. Find the output of the following:

int main()

{

   char c1='1' , c2 = '2',c3;

   c3 = 48 != c1 < c2 && c2++;

   printf("%c",c3+48);

   return 0;

}   **1**

72. What is the value of argc when command line arguments are ./a.out 11 22

3

73. Program which is responsible to process code before compiler is ___.

Preprocessor

74. #include <stdio.h>

#define SIZE(z) (sizeof(z) / sizeof(z[0]))

int main()

{

       int i = 0;

       int arr[5] = { 11, 22, 33, 44, 55 };

       for(i = 0; i <= (SIZE(arr) -2) ; i++)

       {

           printf("%d, ",arr[i]);

       }

       return 0;

}// note : consider 32 bit compliation   ans **11, 22, 33, 44,**

75. #include <stdio.h>

#define PF(x) printf(" %g", (double)(x))

#define NL putchar('\t')

#define PRINT(x1) PF(x1); NL

#define PRINT1(x1, x2) PF(x1); PRINT(x2)

int main()

{

       double x = 3.2, x1;

       int i = 2, y;

       x = (y = x / i) * 2;

       PRINT1(x,y);

       return 0;

}   **2 1**

76. #include <stdio.h>

int main()

{

       int a;

       a = 020 << 3 ;

       printf("a = %d\n",a);

       return 0;

}   **128**

77. Find the output of the following:

int fun_array(const char *p)

{

  ++p;

  ++*p;

```
}

int main()

{

   char arr[] = {'A','B','C','D','E','F'};

   fun_array(arr);

   printf("%c %c %c",arr[0],arr[1],arr[2]);

   return 0;

}                         Compile Time Error
```

78. Find the output of the following:

```
int main()

{

   float f = 1.30;

   int i=5;

   while(i--)

   {

      f = f - 0.01;

   }

   if(1.25 == f)

      printf("True ");

   else

      printf("False");

   return 0;

}               True
```

79. Find the output of the following:

```
void test_rec(int *k)
{
   if(k==NULL)
      return ;
  *k = *k + 10 ;
   test_rec(--k);
}
int main()
{
   register int a[] = {5,6,7,8,9};
   test_rec(((int *)(&a+1))-1);
   printf("%d",a[0]);
   return 0;
}                    Error
```

80. Find the output of the following:

```
int main()
{
   signed int x = -10;
   unsigned int y = 10,z;
   y = y >> 2;
   z = y > x ? !y : ~x ;
   printf("%u",z);
   return 0;
}            9
```

81. Find the output of the following:

```c
int main()
{
    char s1[] = "PreCAT";
    char s2[] = "Sunbeam";
    char *p1=s1,*p2=s2;
    while(*p1)
    {
        p1++;
        p2++;
    }
    printf("%s",p2);
    return 0;
}           ans  m
```

82.
```c
#include <stdio.h>
int main()
{
        int x = -2, y=1, z=0;
        x = x && y || z;
        z  =  x++ - 1;
        z += -x++ + ++y;
        printf("x = %d\n",x);
        printf("z = %d\n",z);
        return 0;
}                    x= 3 z = 0
```

83. Find the correct statement from the following:

fread can not read multiple records in one array in single call

fread function can read only binary data from the file.

84. #include <stdio.h>

struct course

{

        char *c;

};

int main()

{

        struct course c;

        struct course *s = &c;

        (*s).c = "PreCat";

        printf("%s", c.c);

        return 0;

}   **PreCat**

85. Which of the following data structures is used to represent relationships between pairs, where relationship is not hierarchical ?

Graph

86. A linear list of elements in which deletion can be done from one end (front) and insertion can take place only at the other end (rear) is known as a

Queue

87. Which of the following algorithms has lowest worst case time complexity

Merge Sort

88. The following postfix expression is evaluated using a stack

823^/23* + 51* −

The top two elements of the stack after first * is evaluated

6, 1

89. The time complexity of a bubble sort is ….

O(n^2)

90. A binary tree in which if all its levels except possibly the last, have the maximum number of nodes and all the nodes at the last level appear as far left as possible, is known as

Complete binary tree

91. In singly circular linked list, insertion of a node at first position requires modification of?

Three pointer

92. A friend function declaration

gives nonmember functions access to all data members

93. 'this' pointer is not passed to _____ member functions.

static

94. Which of the following member functions is/are not automatically added to every class, if we do not write our own.

i-Assignment Operator

ii-Copy constructor

iii-parameterized constructors

iv-default constructor

iii

95. Linking of function to function call in execution is called _____.

late binding

96. _____ member functions are used to set values of private data members by checking the correctness of the value to be set to data member.

Mutators

97. Which of the following is not part of basic oops concepts?

i-class

ii-object

iii-function

iv-abstraction

v-encapsulation

iii

98. If a derived class object is created, which constructor is called first?

Base class constructor

99. What is the output of following code?

```cpp
#include<iostream>
using namespace std;
class One {
    public:
    One()
    { cout << " One's constructor called" << endl;  }
};
class Two {
    public:
    Two()
    { cout << "Two's constructor called" << endl;  }
};
class Derived: public One, public Two {
```

public:

Derived()

{ cout << "Derived's constructor called" << endl; }

};

int main()

{

  Derived d;

  return 0;

}

One's constructor called   Two's constructor called   Derived's constructor called

100. Base class and derived class relationship comes under _____ oops concepts.

Inheritance