testseries 1

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

The saint's life was "an open book".
Answers
1. An autobiography
//2. One that held no secrets
3. An ideal life
4. A pleasant life

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 -
Answers
1. if they were the solicited ones
2. when they appeared to be bad
3. when they were from women writers
//4. when they came unsolicited

Lorimar was a good editor because -
Answers
1. his reply to the angry writer was polite
2. he apologized for rejecting the story without reading
//3. he could find the worth of a story with a little effort
4. he was prompt in writing letters

The lady wrote a huffy letter because -
Answers
1. her story was rejected
//2. her story was rejected unread
3. her story was rejected although it was good
4. Lorimar was biased in his decision

Lorimar's reply was-
Answers
1. irrelevant
2. rude
//3. witty
4. funny

Lorimar read the stories-
Answers
1. because he enjoyed reading them
//2. in order to publish them
3. only to find fault with them
4. in order to review them

7. The option which is a ANTONYM for the given word : OMIT
Answers
1. Exclude
//2. Include
3. Undertake
4. Add

8. The option which is a ANTONYM for the given word : INTEGRATION
Answers
1. Unity
2. Synthesis
3. Linking
\\4. Fragmentation

9. The option which is a SYNONYM for the given word : DEVOTION
Answers
1. affection
2. allegiance
3. accuracy
//4. adherence

10. The option which is a SYNONYM for the given word : MORTAL
Answers
1. terrible
//2. deathly
3. poisonous
4. wrong

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

 "Tough tissues in joints"
Answers
//1. Ligaments
2. Endoderm
3. Muscles
4. Fiber

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

We are reaching the end of this exercise.
Answers
1. This exercise is ended by us.
//2. The end of this exercise is being reached by us.
3. This is our end to the exercise.
4. The exercise has reached its end 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"?
Answers
1. what was the matter?
2. what the matter is?
//3. what the matter was?
4. No improvement

14. Identify the part of the sentence with error -
Answers
1. The Moon may be the best place
2. to look for aliens as their
\\3. footprints on their surface would
4. last far longer than radio signals.
5. No error

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
Answers
1. SRPQ
//2. QSRP
3. PQSR
4. RPQS

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

She has bought ___ apartment in ___ city.
Answers
//1. an / the
2. a / an
3. a / the
4. no article / the

17. Fill in the blanks with suitable prepositions -

The portrait was painted ___ a famous artist who lived ___the 17th century.
Answers
//1. by / during
2. by / at
3. with / in
4. by / on

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 _____.
Answers
1. show their virility

//2. make themselves heard
3. curb the prices
4. topple the government

19. Fill in the blanks with suitable prepositions -

Mr. Hawking was walking _____ a wood _____ a rainy day.
Answers
1. through / of
//2. through / on
3. into / at
4. by / in

20. Complete the sentence with grammatically appropriate word-

She always remembered _____ her mother told her to avoid.
Answers
1. which
2. where
3. when
//4. 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 comput
er assembled?
Answers
1. 5.00 PM
2. 4.00 PM
//3. 6.00 PM
4. 7.00 PM
5. 9.00 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 da
ys.
 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 i
n the earnings?
Answers
//1. Rs. 21600
2. Rs. 31600
3. Rs. 41600
4. Rs. 51600

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 ?
Answers
1. 10 mins
//2. 12 mins
3. 15 mins
4. 20 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 ?
Answers
1. 7 hours
2. 7.1 hours
//3. 7.2 hours
4. 7.3 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.
Answers
1. 1
2. 2
3. 4
//4. 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.
Answers
1. 44
2. 45
//3. 40
4. 48

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?
Answers
//1. 9.5 hours
2. 8.5 hours
3. 7.5 hours
4. 6.5 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.
Answers
1. 10 seconds
//2. 12 seconds
3. 14 seconds
4. 16 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.
Answers
1. 0,5
2. 5,5
//3. 15,5
4. 10,5

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?
Answers
1. Rs 1680
//2. Rs 9680

3. Rs 9272
4. Rs 2680

31. A-clock gains five minutes every hour. What will be the angle traversed by the second hand in one minute?
Answers
1. 360°
2. 360.5°
//3. 390°
4. 380°

32. A person goes out home and returns after sometime. He notices during his absence clock's minute hand rotates 2 88°. How much does clock's hour hand rotate in that duration?
Answers
1. 56°
2. 67°
//3. 24°
4. 38°

33. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?
Answers
1. Monday
//2. Friday
3. Thursday
4. Saturday

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?
Answers
1. (14/37)
//2. (14/33)
3. (16/33)
4. (14/23)

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.
Answers
1. 513
//2. 455
3. 627
4. 369

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?
Answers
1. U is the neighbour of V
//2. V is between W and T
3. W is between P and S

4. T is between U and Q
5. None of these

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?
Answers
1. F
//2. D
3. C
4. E
5. G

38. Complete analogous pair
Dog : Bark : : Goat :?
Answers
//1. Bleat
2. Howl
3. Grunt
4. Bray

39. Complete analogous pair-

Shield : Soldier
Answers
1. Law : Court
2. Stethoscope : Doctor
//3. Helmet : Rider
4. Book : Reader

40. Detect analogy :

Green : Violet : Orange
Answers
1. They are primary colours.
2. These colours do not occur together in a rainbow.
//3. They are made by mixing other colours.
4. These colours are not found in butterflies

41. Choose or find odd word
Pineapple , Orange , Watermelon, Banana , Lemon
Answers
1. Pineapple
2. Orange
3. Watermelon
//4. Banana
5. Lemon

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

8, 10, 14, 18,___ , 34, 50, 66
Answers
1. 24
2. 25
//3. 26
4. 27

43. If TABLE is coded as GZYOV, how is JUICE coded ?
Answers
1. OZLFJ
//2. QFRXV
3. HOFAD
4. QZHMT
5. EPQIL

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 ?
Answers
1. Honey
2. Butter
3. Orange
4. Soap
//5. 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' ?
Answers
1. peru
2. oka
3. meta
//4. 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 ?
Answers
1. Brother
2. Uncle
3. Father-in-law
//4. Brother-in-law
5. None of these

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 ?
Answers
1. P is the brother of Q
2. P is the son of Q
\\3. P is the husband of Q
4. P is the father of Q

48. Rahul is originally facing South-East. He then turns left 3 times. What direction is he now facing?
Answers
\\1. South-West
2. South-East
3. North-East
4. North-West
5. None of these

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.
Answers
1. If the data in statement I alone are sufficient.
2. If the data in statement II alone are sufficient.
3. If the data either in statement I alone or in statement II alone are sufficient.
//4. If the data given in both the statements I and II together are not sufficient.
5. If the data in both the statements I and II together are necessary.

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
Answers
1. Both I and II follow
2. Either I or II follow
//3. Only II follows
4. Neither I nor II follows
5. Only I follows

51. If a Computer in a network accesses resources that are shared by other computer is called as:
Answers
1. Server
//2. Client
3. Reciever
4. Sender

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

Answers
1. Ring
2. Star
3. Mesh
//4. Token

53. device which is used to connect two computers via an ordinary telephone line is
Answers
1. Ethernet card
2. Graphic card
//3. Modem
4. Spend card

54. The last address of the IP address represents:
Answers
1. Unicast
2. Network
//3. Broadcast
4. None of the above

55. Which of the following is reliable communication.
Answers
//1. TCP
2. IP
3. UDP
4. All of the them

56. Cache Memory is _____.
Answers
//1. SRAM
2. DRAM
3. Both SRAM and DRAM
4. None of the above

57. Which of the following block/s in any io device converts one form of energy into another form?
Answers
1. Control Logic Block
2. Convertor
3. Invertor
//4. Transducer
5. All of the above

58. Signal sent by the CPU to IO devices is called as
Answers
1. Interrupt
//2. Command
3. Instruction

4. All of the above

59. Memory which is accessible directly by the CPU is referred as
Answers
1. An internal memory
//2. Primary Memory
3. Directly Accessible Memory
4. Volatile Memory

60. Which of the following access method/s is used in a Magnetic Tape memory?
Answers
//1. Sequential Access
2. Random Access
3. Direct Access
4. Associative Access Access
5. All of the above

61. In which of the following CPU Scheduling algorithm/s starvation problem may occurs?
Answers
1. FCFS
2. SJF
3. Priority
4. Round Robin
//5. Both FCFS & Priority

62. Which of the following is an output of linker?
Answers
1. Object Code
2. Assembly Code
//3. Executable Code
4. Intermediate Code

63. To access the services of operating system the interface is provided by kernel through
Answers
//1. System Calls
2. Shell
3. Library Functions
4. Assembly Directive

64. Swapping of processes between the main memory & swap area done by _____.
Answers
1. Loader
//2. Memory Manager
3. Memory Management Unit
4. All of these

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

1. New
//2. Running
3. Waiting
4. Ready

66. In which of the following data inconsistency problem occurs?
Answers
1. Race Condition
2. Critical Section Problem
//3. Both A & B
4. None of the above

67. Which of the following program is responsible for loading process from the main memory onto the CPU?
Answers
1. Loader
2. Job Scheduler
3. CPU Scheduler
//4. Dispatcher

68. The processes that are residing in main memory and are ready and waiting to execute are kept on a list called as
Answers
1. Device Queue
//2. Ready Queue
3. Job Queue
4. None of the above

69. _____ CPU Scheduling algorithm suffers from convoy effect.
Answers
//1. FCFS
2. SNTF
3. SRTF
4. Priority

70. #include <stdio.h>
int main()
{
 int a;
 a = 012 + 0X10 * 5;
 printf("a = %d\n",a);
 return 0;
}
Answers
1. 62
//2. 90
3. 120
4. 132

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;
}
```
Answers
1. 50
2. 0
//3. 1
4. 51

72. What is the value of argc when command line arguments are ./a.out 11 22
Answers
1. 0
2. 1
3. 2
//4. 3

73. Program which is responsible to process code before compiler is _____.
Answers
1. Assembler
2. Debugger
//3. Preprocessor
4. Linker

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
```
Answers
1. 11, 22, 33,
//2. 11, 22, 33, 44,
3. 11, 22, 33, 44, 55
4. Error

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;
}
```
Answers
1. 1 2
//2. 2 1
3. 3 1
4. Coimpile time error

76. #include <stdio.h>
```
int main()
{
int a;
a = 020 << 3 ;
printf("a = %d\n",a);
return 0;
}
```
Answers
1. 60
//2. 128
3. 12
4. 2

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;
}
```
Answers
1. C B D
2. C C C
3. A C C
//4. Compile Time Error

78. Find the output of the following:
```
int main()
{
   float f = 1.30;
   int i=5;
   while(i--)
   {
```

```c
        f = f - 0.01;
    }
    if(1.25 == f)
        printf("True ");
    else
        printf("False");
    return 0;
}
```
Answers
1. Infinite Loop
2. No Output
3. False
//4. True

79. Find the output of the following:
```c
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;
}
```
Answers
//1. Error
2. 5
3. Garbage
4. 15

80. Find the output of the following:
```c
int main()
{
    signed int x = -10;
    unsigned int y = 10,z;
    y = y >> 2;
    z = y > x ? !y : ~x ;
    printf("%u",z);
    return 0;
}
```
Answers
1. 4294967285
2. 10
3. -10
//4. 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;
}
```
Answers
1. Sunbeam
2. No Output
//3. m
4. Tm

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;
}
```
Answers
1. x=-3 z = -1
//2. x= 3 z = 0
3. x=-2 z = 1
4. x=2 z = 2

83. Find the correct statement from the following:
fread can not read multiple records in one array in single call
Answers
//1. fread function can read only binary data from the file.
2. fread function can read text / binary data from file.
3. fread can not be used to read 1 byte at a time.
4. fread can not be used to read 1 byte at a time.

84.
```c
#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;
}
```
Answers
1. Compile time error
2. Run time error
//3. PreCat
4. None of the above

85. Which of the following data structures is used to represent relationships between pairs, where relationship is not hierarchical ?
Answers
//1. Graph
2. Tree
3. Hash Table
4. Queue

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
Answers
//1. Queue
2. Stack
3. Tree
4. LinkedList

87. Which of the following algorithms has lowest worst case time complexity
Answers
1. Insertion sort
2. Selection Sort
3. Quick Sort
//4. 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
Answers
//1. 6, 1
2. 5,7
3. 3.2
4. 1,5

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

Answers
1. O(n logn)
2. O(2n)
//3. O(n^2)
4. O(n)

90. A binary tree in which if all its levels except possibly the last, have the maximum number of nodes and all the no
des at the last level appear as far left as possible, is known as
Answers
1. Full binary tree
2. AVL tree
3. Threaded tree
//4. Complete binary tree

91. In singly circular linked list, insertion of a node at first position requires modification of?
Answers
1. One pointer
2. Two pointer
//3. Three pointer
4. None

92. A friend function declaration
Answers
//1. gives nonmember functions access to all data members
2. is another term for an overloaded function within a class
3. is any function created for you by the compiler like default constructor
4. is any function outside the class with the same name as a function in the class

93. 'this' pointer is not passed to _____ member functions.
Answers
1. constructor
2. mutator
//3. static
4. virtual

94. Which of the following member functions is/are not automatically added to every class, if we do not write our o
wn.
i-Assignment Operator
ii-Copy constructor
iii-parameterized constructors
iv-default constructor
Answers
1. i
2. i,ii
//3. iii
4. ii,iv

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

1. static Binding
2. compile-time Binding
//3. late binding
4. abstraction 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.
Answers
1. Accessors
//2. Mutators
3. getters
4. valuator

97. Which of the following is not part of basic oops concepts?
i-class
ii-object
iii-function
iv-abstraction
v-encapsulation
Answers
1. i,ii
//2. iii
3. iv,v
4. v

98. If a derived class object is created, which constructor is called first?
Answers
1. Depends on mode of Inheritance
2. Derived class constructor
//3. Base class constructor
4. Depends on how we call the object

99. What is the output of following code?
```
#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;
}
```
Answers
1. Compiler Dependent
//2. One′s constructor called   Two′s constructor called   Derived's constructor called
3. Two′s constructor called   One′s constructor called   Derived's constructor called
4. Derived′s constructor called   One′s constructor called   Two's constructor called

100. Base class and derived class relationship comes under _____ oops concepts.
Answers
1. Polymorphism
2. encapsulation
//3. Inheritance
4. Modularity