

1. Three partners shared the profit in a business in the ratio 5 : 7 : 8. They had partnered for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?

Answers

- 1. 5 : 7 : 8
- *2. 20 : 49 : 64
- 3. 38 : 28 : 21
- 4. None of these

2. The calendar for the year 2007 will be the same for the year:

Answers

- 1. 2014
- 2. 2016
- 3. 2017
- *4. 2018

3. A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was:

Answers

- 1. 2000
- 2. 10000
- *3. 15000
- 4. 20000

4. A tank is filled in 5 hours by three pipes A, B and C. The pipe C is twice as fast as B and B is twice as fast as A. How much time will pipe A alone take to fill the tank?

Answers

- 1. 20 hours
- 2. 25 hours
- *3. 35 hours
- 4. None of these

5. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

Answers

- 1. Rs. 375
- *2. Rs. 400
- 3. Rs. 600
- 4. Rs. 800

6. The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?

Answers

- 1. 16 cm
- *2. 18 cm
- 3. 24 cm
- 4. None of these

7. Sachin is younger than Rahul by 7 years. If their ages are in the respective ratio of 7 : 9, how old is Sachin?

Answers

- 1. 16 years
- 2. 18 years
- 3. 28 years
- *4. 24.5 years

8. How many times do the hands of a clock coincide in a day?

Answers

- 1. 20
- 2. 21
- *3. 22
- 4. 24

9. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:

Answers

- 1. 9000
- 2. 9400
- *3. 9600
- 4. 9800

10. Find the highest common factor of 36 and 84.

Answers

- 1. 4
- 2. 6
- *3. 12
- 4. 18

11. A man standing at a point P is watching the top of a tower, which makes an angle of elevation of 30° with the man's eye. The man walks some distance towards the tower to watch its top and the angle of the elevation becomes 60° . What is the distance between the base of the tower and the point P?

Answers

- 1. $4\sqrt{3}$ units
- 2. 8 units
- 3. 12 units
- *4. Data inadequate

12. Robert is travelling on his cycle and has calculated to reach point A at 2 p.m. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 p.m.?

Answers

- 1. 8 kmph
- 2. 11 kmph
- *3. 12kmph
- 4. 14 kmph

13. If $(64)^2 - (36)^2 = 20 \times Z$, then $Z = ?$

Answers

- 1. 70
- 2. 120
- 3. 180
- *4. 140

14. The sum of how many terms of the series $6 + 12 + 18 + 24 + \dots$ is 1800 ?

Answers

- 1. 16
- *2. 24
- 3. 20
- 4. 18

15. A can contains a mixture of two liquids A and B in the ratio 7 : 5. When 9 litres of mixture are drawn off and the can is filled with B, the ratio of A and B becomes 7 : 9. How many litres of liquid A was contained by the can initially?

Answers

1. 10
2. 20
- *3. 21
4. 25

16. Complete analogous pair:

Fish : School

Answers

- *1. wolf : pack
2. elephant : jungle
3. beagle : clan
4. herd : peacock

17. In certain code language, BOARD is coded as CQDVI, what is the code for the word CONSULTING?

Answers

1. DQQWZPAQWQ
2. DQQWZARQWQ
- *3. DQQWZRAQWQ
4. DQQWZRARNQ

18. P and Q are sisters and R and S are brothers. P's daughter is S's sister. How is Q related to R?

Answers

- *1. Maternal aunt
2. Niece
3. Nephew
4. Grandmother

19. 1: Pictures can tell a story.

2: All storybooks have pictures.

3: Some storybooks have words.

If the first three statements are true, which of the following statements must also be true?

I. Pictures can tell a story better than words can.

II. The stories in storybooks are very simple.

III. Some storybooks have both words and pictures.

Answers

1. I only
2. II only
- *3. III only
4. None of these

20. Find the odd one out-

Raddish, Ginger, Potato, Turmeric, Cabbage

Answers

1. Raddish
2. Ginger
3. Potato
4. Turmeric
- *5. Cabbage

21. Kiran is older than Manoj and Dilip is older than Neelam. Who among them is the youngest?

I. Kiran is older than Neelam.

II. Manoj is younger than Dilip.

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 given in both the statements I and II together are sufficient.

22. Five people – Abhi, Bablu, Chintu, Dubey and Eisha – are travelling in five different trains – Rajdhani Express, AP Express, Shatabdi Express, Duronto Express and Howrah Express in any order –to five different destinations – Bangalore, Delhi, Hyderabad, Mumbai and Kolkata in any order.

Rajdhani Express does not go to Mumbai.

Abhi's train, Howrah Express and the train to Mumbai start at different timings.

Chintu is travelling in neither Rajdhani Express nor Howrah Express.

Bablu, who is travelling in Shatabdi Express, is not going to Mumbai.

Eisha's train starts after the train to Delhi.

Abhi's train, Rajdhani Express and the train to Hyderabad start at different timings.

Neither Rajdhani Express nor Howrah Express goes to Kolkata.

AP Express does not go to Delhi.

Dubey is going to Bangalore.

Neither AP Express nor Duront Express is going to Kolkata.

Which of the following train-destination combination is correct?

Answers

1. Rajdhani – Delhi
- *2. AP – Mumbai
3. Duronto – Bangalore
4. Howrah – Delhi

23. After 4 p.m. on a sunny day when Ramesh was returning from his school, he saw his uncle coming in the opposite direction. His uncle talked to him for some time. Ramesh saw that the shadow of his uncle was to his right side. Which direction was his uncle facing during their talk?

Answers

1. North
- *2. South
3. East
4. Data inadequate
5. None of these

24. In a certain code,

'detail event year this' is written as 'bi gv oc st'

'event revised of awaited' is written as 'tm oc da pu'

'of detail results first' is written as 'nh mk tm gv'

'awaited great year of' is written as 'da st rx tm'

If 'of year home' is written as 'aj tm st' in the given code language, then what is the code for 'home revised this'?

Answers

1. aj gv nh
- *2. pu aj bi
3. nh bi pu
4. aj oc pu

25. Airplanes A, B, C and D started flight towards east. After flying 125 kms planes A and D flew towards right while planes B and C flew towards left. After 115 km, planes B and C flew towards their left while planes A and D also turned towards their left. In which directions are the airplanes A, B, D, C respectively flying now?

Answers

1. North, South, East, West
2. East, West, West, East
- *3. East, West, East, West
4. South, North, North, South

26. Seven varsity basketball players (A, B, C, D, E, F, and G) are to be honoured at a special luncheon. The players will be seated on the dais in a row. A and G have to leave the luncheon early and so must be seated at the extreme right. B will receive the most valuable player's trophy and so must be in the centre to facilitate presentation. C and D are bitter rivals and therefore must be seated as far apart as possible. Which of the following pairs cannot be seated together?

Answers

1. B & D
2. C & F
3. D & G
- *4. E & A

27. if EYE is called HAND, HAND is called MOUTH, MOUTH is called EAR, EAR is called NOSE and NOSE is called TONGUE, with which of the following would a person hear? Top of Form

Answers

1. EYE
2. EAR
- *3. NOSE
4. TONGUE

28. Find the next in the sequence in the series:
5, 21, 69, 213, 645, ?

Answers

1. 1935
2. 1815
- *3. 1941
4. 1290

29. Complete analogous pair:
Conference:Chairman::Newspaper:?

Answers

1. Article
- *2. Editor
3. News
4. Column writer

30. A + B means A is the son 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 mother of B; and
A = B means A is the sister of B.
What does P = R ÷ Q mean ?

Answers

- *1. P is the aunt of Q.
2. P is the sister of Q.
3. Q is the niece of P.
4. Q is the daughter of P.

31. The option which is a SYNONYM for the given word: REPUGNANT

Answers

1. Gloomy
- *2. Objectionable
3. Self-centered
4. Soiled

32. Complete the sentence with the appropriate word-

The best punctuation is that of which the reader is least conscious, for when punctuation, or lack of it, _____ itself, it is usually because it _____.

Answers

- *1. obtrudes, offends
2. enjoins, fails
3. conceals, recedes
4. effaces, counts

33. The passage below is accompanied by a set of questions. Choose the best answer to each question. Many present-day boards now recognise the need for careful succession planning. The Chief Executive Officer's succession plans are commonly part of his annual performance review, and most boards now devote several meetings a year to the subject. One crucial decision that boards face is whether to select one of their own or an outsider. Unsurprisingly, firms in trouble are much more likely to look for fresh blood. When the business is running smoothly, directors are more than happy to pick an experienced insider, who will continue along the present path. Whereas promising senior executives will often abandon a struggling company, successful firm stand to have a large pool of talented managers to choose from. Occasionally, even a successful company appoints an outsider who can introduce some particular expertise. Many utility companies seek outside Chief Executive Officers to shepherd them through the complexities of deregulation. Many boards do consider outsiders even when the existing Chief Executive Officer is planning a normal retirement.

Consider the following statements

1. Companies are too complacent and do not address the problem of succession of their Chief Executive Officers.
2. Even successful companies do not have enough talent in their ranks to pick incumbent to the post of Chief Executive Officer.

Which of the statements given above is/are correct?

Answers

1. 1 only
- *2. 2 only
3. Neither 1 nor 2
4. Both 1 and 2

34. The option which is a ANTONYM for the given word: APOCRYPHAL

Answers

1. Fictitious
2. Dubious
3. Unsubstantiated
- *4. Authentic

35. The passage below is accompanied by a set of questions. Choose the best answer to each question. Many present-day boards now recognise the need for careful succession planning. The Chief Executive Officer's succession plans are commonly part of his annual performance review, and most boards now devote several meetings a year to the subject. One crucial decision that boards face is whether to select one of their own or an outsider. Unsurprisingly, firms in trouble are much more likely to look for fresh blood. When the business is running smoothly, directors are more than happy to pick an experienced insider, who will continue along the present path. Whereas promising senior executives will often abandon a struggling company, successful firm stand to have a large pool of talented managers to choose from. Occasionally, even a successful company appoints an outsider who can introduce some particular expertise. Many utility

companies seek outside Chief Executive Officers to shepherd them through the complexities of deregulation. Many boards do consider outsiders even when the existing Chief Executive Officer is planning a normal retirement.

What is the main issue in this passage?

Answers

1. Leadership traits of Chief Executive Officers
2. Compensation package of Chief Executive Officers
3. Discipline to be inculcated by Chief Executive Officers
- *4. Planning the succession of Chief Executive Officers

36. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph-

- A. However, the real challenge today is in unlearning which is much harder.
- B. But the new world of business behaves differently from the world in which we grew up.
- C. Learning is important for both people and organizations.
- D. Each of us has 'mental model' that we've used over the years to make sense.

Answers

- *1. CADB
2. BDAC
3. CDAB
4. ACBD

37. Identify the part of the sentence with error-

Answers

1. The journalist along with
- *2. the camera crew were
3. kidnapped by the
4. militants last night.
5. No error

38. The option which is a **ANTONYM** for the given word: **LACKADAISICAL**

Answers

- *1. Enthusiastic
2. Intelligent
3. Classical
4. Irresponsible

39. The passage below is accompanied by a set of questions. Choose the best answer to each question. Many present-day boards now recognise the need for careful succession planning. The Chief Executive Officer's succession plans are commonly part of his annual performance review, and most boards now devote several meetings a year to the subject. One crucial decision that boards face is whether to select one of their own or an outsider. Unsurprisingly, firms in trouble are much more likely to look for fresh blood. When the business is running smoothly, directors are more than happy to pick an experienced insider, who will continue along the present path. Whereas promising senior executives will often abandon a struggling company, successful firms stand to have a large pool of talented managers to choose from. Occasionally, even a successful company appoints an outsider who can introduce some particular expertise. Many utility companies seek outside Chief Executive Officers to shepherd them through the complexities of deregulation. Many boards do consider outsiders even when the existing Chief Executive Officer is planning a normal retirement.

The passage conveys that an ailing firm can be revived by the appointment of a Chief Executive Officer who is an

Answers

- *1. outside expert

2. experienced insider
3. expert in deregulation
4. experienced shepherd

40. Identify the word/phrase that relates most closely to the given meaning-

A short poem or speech addressed to the spectators after the conclusion of a drama.

Answers

1. prologue
2. dialogue
- *3. epilogue
4. monologue

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

Before festivals the shops are thronged with men, women and children making various purchases.

Answers

1. During festivals people throng the shops.
- *2. Men, women and children throng the shops before festivals making various purchases.
3. Men, women and children make purchases during festivals.
4. The shops are thronged by people making purchases.

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

Many present-day boards now recognise the need for careful succession planning. The Chief Executive Officer's succession plans are commonly part of his annual performance review, and most boards now devote several meetings a year to the subject. One crucial decision that boards face is whether to select one of their own or an outsider. Unsurprisingly, firms in trouble are much more likely to look for fresh blood. When the business is running smoothly, directors are more than happy to pick an experienced insider, who will continue along the present path. Whereas promising senior executives will often abandon a struggling company, successful firms stand to have a large pool of talented managers to choose from. Occasionally, even a successful company appoints an outsider who can introduce some particular expertise. Many utility companies seek outside Chief Executive Officers to shepherd them through the complexities of deregulation. Many boards do consider outsiders even when the existing Chief Executive Officer is planning a normal retirement.

Successful companies prefer to promote an inside executive as Chief Executive Officer for reasons of

Answers

- *1. stability of operations
2. higher profits
3. market compulsions
4. diversification

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

Many present-day boards now recognise the need for careful succession planning. The Chief Executive Officer's succession plans are commonly part of his annual performance review, and most boards now devote several meetings a year to the subject. One crucial decision that boards face is whether to select one of their own or an outsider. Unsurprisingly, firms in trouble are much more likely to look for fresh blood. When the business is running smoothly, directors are more than happy to pick an experienced insider, who will continue along the present path. Whereas promising senior executives will often abandon a struggling company, successful firms stand to have a large pool of talented managers to choose from. Occasionally, even a successful company appoints an outsider who can introduce some particular expertise. Many utility companies seek outside Chief Executive Officers to shepherd them through the complexities of deregulation. Many boards do consider outsiders even when the existing Chief Executive Officer is planning a normal retirement.

Successful companies sometimes appoint Chief Executive Officers from outside because

Answers

1. their existing executives are complacent

2. distance lends enchantment
- *3. they wish to utilise their expertise
4. they wish to be better placed than their competitors

44. Complete the sentence with appropriate word (preposition)-
Rest a while _____ lunch and walk a mile _____ supper.

Answers

1. before, before
2. after , before
3. before, after
- *4. after, after

45. Identify the meaning of the idiom/phrase from the given options-
It is clear that the ideas of both reformers 'ran in the same groove'.

Answers

1. promoted each other
2. clashed with each other
- *3. moved in harmony
4. moved in different directions

46. Complete the sentence with appropriate word (preposition)-
One should act _____ the advice of elders.

Answers

1. in
- *2. on
3. over
4. under

47. Choose the alternative which has correct sequence of articles-
Rama entered _____ shop. _____ owner received him. He looked at _____ things in the shop. Finally he purchased _____ umbrella.

Answers

1. the /a /a /an
- *2. a /the /the /an
3. a /an /the /an
4. the /a /an /the

48. The option which is a SYNONYM for the given word: NOMADIC

Answers

1. Established
2. Resident
3. Steady
- *4. Migrant

49. Louis Washkansky was a 56 year old South African.

P. He had a damaged heart.

Q. A team of doctors led by Dr. C. Barnard was formed

R. He could not be cured.

S. So the doctors decided to give him a new heart.

Which one of the following is the correct sequence?

Answers

1. QSRP
2. RPSQ
3. SQPR
- *4. PRSQ

50. Complete the sentence with the appropriate word-

The law prohibits a person from felling a sandal wood tree, even if it grows on one's own land without prior permission from the government. As poor people cannot deal with the government this legal provision leads to a rip-roaring business for _____, who care neither for the _____ nor for the trees.

Answers

1. Middlemen, rich
2. the government, poor
3. touts, rich
- *4. touts, poor

51. #include <stdio.h>

```
void fun(char **p)
{
    char *t;
    t = (p += sizeof(int))[-3];
    printf("%s\n",t);
}
int main(void)
{
    char *argv[] = { "ab", "cd", "ef", "gh", "ij", "kl" };
    fun(argv);
    return 0;
}
```

Answers

1. ab
- *2. cd
3. ef
4. ij

52. #include<stdio.h>

```
struct st
{
    int i;
}
fun()
{
    struct st s = {11};
    return s;
}
int main()
{
    struct st a = fun();
    printf("%d\n", a.i);
    return 0;
}
```

Answers

1. Compiler error
2. Runtime error
- *3. 11
4. Garbage value

53. #include<stdio.h>

```
int main()
{
    int t[10];
    t[0] = 100; t[9] = 200;
```

```
printf("%5d\n", *(t+9)+ *(t - 0));
return 0;
}
```

Answers

1. 100
2. 200
- *3. 300
4. 5300

```
54. #include <stdio.h>
#include <string.h>
int main()
{
    char str[50]="Sunbeam InfoTech";
    printf("%d...%d",strlen(str),sizeof(str));
    return 0;
}
```

Answers

- *1. 16...50
2. 50...50
3. 50...16
4. None of the above

```
55. #include<stdio.h>
int main(void)
{
    int w = 4, x = -1, y = 2, z = 0 ;
    z = ++x && y++ || ++w ;
    printf("\n w = %d, x=%d, y=%d, z=%d", w,x, y, z);
    return 0;
}
```

Answers

1. w = 5, x = -1, y = 2, z = 0
- *2. w = 5, x = 0, y = 2, z = 1
3. w = 4, x = -1, y = 2, z = 1
4. w = 4, x = 0, y = 2, z = 0

```
56. #include <stdio.h>
#include <string.h>
struct student
{
    char name[20];
} std;
char *fun(struct student *tempStd)
{
    strcpy(tempStd->name,"ABC ");
    return tempStd->name;
}
int main()
{
    strcpy(std.name,"XYZ ");
    printf("%s%s",std.name,fun(&std));
    return 0;
}
```

Answers

- *1. ABC ABC
- 2. ABC XYZ
- 3. XYZ XYZ
- 4. Error

```
57. #include <stdio.h>
int main()
{
    int n=0,a=5,b=10;
    while(n<=(b<a))
    {
        n++;
    }
    printf("%d",n);
    return 0;
}
```

Answers

- 1. 64
- 2. 256
- 3. 320
- *4. 321

```
58. #include <stdio.h>
int main()
{
    int a=10;
    int b=11;
    if(a=12)
        printf("Pune ");
    else
        printf("Karad ");
    printf("%d %d\n",a,b);
    return 0;
}
```

Answers

- 1. Karad 12 11
- *2. Pune 12 11
- 3. 10 11
- 4. 12 11

```
59. #include <stdio.h>
int main()
{
    static int x[]={'A','B','C','D','E'},t;
    for(t=0;t< sizeof(x)/sizeof(int) ; t+=1)
        printf("%c,%c,%c\n",*(x+t)+1,x[t]+1,*(t+x)+1);
    return 0;
}
```

Answers

- 1. A, A, A
- B, B, B
- C, C, C
- D, D, D
- E, E, E
- *2. B, B, B
- C, C, C
- D, D, D

E, E, E
F, F, F
3. E, E, E
D, D, D
C, C, C
B, B, B
A, A, A
4. Error

```
60. #include <stdio.h>
int main()
{
    FILE *fp;
    char c[1024];
    fp = fopen("test.txt", "r"); // "Sunbeam InfoTech pune"
    c[0] = getc(fp);
    fseek(fp, 0, SEEK_END);
    fseek(fp, -10L, SEEK_CUR);
    fgetc(c, 10, fp);
    puts(c);
    return 0;
}
```

Answers

1. InfoTech p
*2. Tech pune
3. Sunbeam In
4. Error

```
61. #include<stdio.h>
int main(void)
{
    int a;
    a = 2;
    a = a-- + 2 * a--;
    printf("a=%d\n", a);
    return 0;
}
```

Answers

1. 0
2. 2
*3. 4
4. 6

```
62. #include <stdio.h>
int main(void)
{
    const int x = 5;
    int *const ptr = &x;
    ++(*ptr);
    printf("%d\n",x);
    return 0;
}
```

Answers

1. 5
*2. 6
3. Compiler error

4. Runtime error

```
63. #include <stdio.h>
int main(void)
{
    int a[5] = {11,22,33,44,55};
    int *ptr = (int *)(&a+1);
    printf("%d %d\n",*(a+1),*(ptr-4));
    return 0;
}
```

Answers

1. 22 11
- *2. 22 22
3. 22 33
4. 22 Garbage value

```
64. #include<stdio.h>
int main()
{
    unsigned int a = 42;
    printf("%x", ~a);
    return 0;
}
```

Answers

1. -42
- *2. FFFFFFFD5
3. FFFFFFFD
4. FFFFFFF5D

```
65. #include <stdio.h>
int a = 10, b = 20;
void fun(int *p)
{
    *p = *p + *p;
}
int main()
{
    int *p = &a;
    fun(p);
    printf("%d\n", *p);
    return 0;
}
```

Answers

1. 10
- *2. 20
3. 30
4. Compiler Error

66. In linked list each node contain minimum of two fields. One field is data field to store the data second field is?

Answers

1. Pointer to character
2. Pointer to integer
- *3. Pointer to node
4. Node

67. A does not keep track of address of every element in the list.

Answers

1. Stack
2. Queue
- *3. String
4. Linked List

68. is a pile in which items are added at one end and removed from the other.

Answers

1. List
2. Stack
- *3. Queue
4. Array

69. A is a linear list in which insertions and deletions are made to from either end of the structure.

Answers

1. circular queue
2. random of queue
3. priority
- *4. dequeue

70. The quick sort algorithm exploit _____ design technique

Answers

1. Overflow
2. Backtracking
3. Dynamic programming
- *4. Divide and Conquer

71. The concatenation of two list can performed in $O(1)$ time. Which of the following variation of linked list can be used?

Answers

1. Singly linked list
2. Doubly linked list
- *3. Circular doubly linked list
4. Array implementation of list

72. is not the operation that can be performed on queue.

Answers

- *1. Traversal
2. Insertion
3. Deletion
4. Retrieval

73. "Mobile phone has battrey,screen,camera and speaker". Which oop concept used in above statement?

Answers

1. Polymorphism
2. data hiding
3. modularity
- *4. composition

74. The ability to create a new class from an existing class is called _____.

Answers

1. Encapsulation

- *2. Inheritance
- 3. Abstraction
- 4. Polymorphism

75. Which of the following operators cannot be overloaded?

- i) Size of operator (sizeof)
- ii) Scope resolution Operator
- iii) Conditional operator (?:)
- iv) Assignment Operator (=)

Answers

- *1. i, ii, iii
- 2. ii, iii, iv
- 3. i, iii, iv
- 4. i, ii, iii, iv

76. A destructor takes _____ arguments.

Answers

- *1. 0
- 2. 1
- 3. 2
- 4. 3

77. Object-oriented programming follows _____ programming approach.

Answers

- 1. Top-down
- *2. Bottom-up
- 3. Flow-up
- 4. Follow-up

78. When a function is defined inside a class, this function is called _____.

Answers

- 1. Inside function
- *2. Member function
- 3. Inline function
- 4. Interior function

79. Which of the following is the least safe type casting in C++?

Answers

- 1. static_cast
- 2. const_cast
- *3. reinterpret_cast
- 4. dynamic_cast

80. To expose a data member to the program, you must declare the data member in the _____ section of the class

Answers

- 1. common
- 2. exposed
- *3. public
- 4. user

81. Use of pointers or reference to an abstract class gives rise to which among the following features?

Answers

- 1. Static Polymorphism

- *2. Runtime polymorphism
- 3. Compile time Polymorphism
- 4. Polymorphism within methods

82. Time quantum is defined in

Answers

- 1. shortest job scheduling algorithm
- *2. round robin scheduling algorithm
- 3. priority scheduling algorithm
- 4. multilevel queue scheduling algorithm

83. In which i/o technique involvement of the CPU is less

Answers

- 1. Programmed I/O
- *2. Direct Memory Access (DMA)
- 3. Interrupt driven I/O
- 4. None of the above

84. What is the problem that arrives while using SJF algorithm?

Answers

- 1. Deadlock
- 2. Aging
- *3. Starvation
- 4. No Problem

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

Answers

- 1. Job Queue
- *2. Ready Queue
- 3. Message Queue
- 4. Waiting Queue

86. Which algorithm suffers from Convoy Effect?

Answers

- *1. FCFS
- 2. SJF Preemptive
- 3. SJF Non Preemptive
- 4. Round Robin

87. A situation where several processes are trying to access and manipulate the same data at a same time is called :

Answers

- 1. data consistency
- *2. race condition
- 3. aging
- 4. starvation

88. The transfer between CPU and Cache is _____

Answers

- 1. Block Transfer
- *2. Word Transfer
- 3. Set Transfer
- 4. Associative Transfer

89. In only one process at a time is allowed to enter into its critical section, among all processes that have critical sections for the same resource.

Answers

- *1. Mutual Exclusion
- 2. Synchronization
- 3. Deadlock
- 4. Starvation

90. What is the high speed memory in between the main memory and the CPU called?

Answers

- 1. Register Memory
- *2. Cache memory
- 3. Storage Memory
- 4. Virtual Memory

91. First address in a block is used as network address that represents the

Answers

- 1. Class Network
- 2. Entity
- *3. Organization
- 4. Codes

92. The physical layer concerns with

Answers

- *1. bit-by-bit delivery
- 2. process to process delivery
- 3. application to application delivery
- 4. none of the mentioned

93. What is start frame delimiter (SFD) in ethernet frame?

Answers

- 1. 10101010
- *2. 10101011
- 3. 00000000
- 4. 11111111

94. What is the size of Network bits & Host bits of Class A of IP address?

Answers

- 1. Network bits 7, Host bits 24
- *2. Network bits 8, Host bits 24
- 3. Network bits 7, Host bits 23
- 4. Network bits 8, Host bits 23

95. What is the size of Host bits in Class B of IP address?

Answers

- 1. 04
- 2. 08
- *3. 16
- 4. 32

96. Ethernet frame consists of

Answers

- *1. MAC address
- 2. IP address

- 3. both MAC address and IP address
- 4. none of the mentioned

97. Routing tables of a router keeps track of

Answers

- 1. MAC Address Assignments
- 2. Port Assignments to network devices
- 3. Distribute IP address to network devices
- *4. Routes to use for forwarding data to its destination

98. What is the size of MAC Address?

Answers

- 1. 16-bits
- 2. 32-bits
- *3. 48-bits
- 4. 64-bits

99. In the layer hierarchy as the data packet moves from the upper to the lower layers, headers are

Answers

- *1. Added
- 2. Removed
- 3. Rearranged
- 4. Modified

100. Router operates in which layer of OSI Reference Model?

Answers

- 1. Layer 1 (Physical Layer)
- *2. Layer 3 (Network Layer)
- 3. Layer 4 (Transport Layer)
- 4. Layer 7 (Application Layer)