

## Accenture Test 1

1

In the following choose the word which express the meaning of the same word

SACROSANCT

- A.too important
- B.worship
- C.sacrifice
- D.best.

2

WHIMSICAL

- A.victorious
- B.swift
- C.fanciful
- D.momentary

3

Candid

- A.Frank
- B.close
- C.dignity
- D.happy

4

Specification

- A.pointing
- B.Documentation
- C.reasoning
- D.advertising

5

Extradict

- A.addiction
- B.logical
- C.Deport
- D.important

6

Read the passage and answer that follow on the basis of instruction provided in the passage

Passage 1

In country X, democratic, conservative and justice parties have fought three civil wars in twenty years. TO restore stability an agreement is reached to rotate the top offices President, Prime Minister and Army Chief among the parties so that each party controls one and only one office at all times. The three top office holders must each have two deputies, one from each of the other parties. Each deputy must choose a staff composed of equally members of his or her chiefs party and member of the third party.

When Justice party holds one of the top offices, which of the following cannot be true

- A. Some of the staff members within that office are
- B. Some of the staff members within that office are
- C. Two of the deputies within the other offices are
- D. Two of the deputies within the other offices are

7

When the democratic party holds presidency, the staff of the prime minister's deputies are composed

- I. One-fourth of democratic party members
- II. One-half of justice party members and one-fourth of conservative party members
- III. One-half of conservative party members and one-fourth of justice party members.

- A. I only
- B. I and II only
- C. II or III but not both
- D. I and II or I and III
- E. None of these

8

Which of the following is allowable under the rules as stated:

- A. More than half of the staff within a given office
- B. Half of the staff within a given office belonging
- C. Any person having a member of the same party as
- D. Half the total number of staff members in all
- E. Half the staff members in a given office belonging

9

The office of the Army Chief passes from Conservative to Justice party. Which of the following must be fired.

- A. The democratic deputy and all staff members
- B. Justice party deputy and all his or hers staff
- C. Justice party deputy and half of his Conservative
- D. The Conservative deputy and all of his or her
- E. No deputies and all staff members belonging to

10

Complete the sentence with suitable word .

Fate smiles ..... those who untiringly grapple with stark realities of life.

- A. with
- B. Over
- C. on
- D. Round

11

The miser gazed ..... at the pile of gold coins in front of him.

- A. avidly
- B. Admiringly
- C. thoughtfully
- D. Earnestly

12

12) Catching the earlier train will give us the ..... to do some shopping.

- A. chance
- B. luck
- C. possibility
- D. occasion

13

I saw a ..... of cows in the field.

- A.group
- B.herd
- C.swarm
- D.flock

14

The grapes are now ..... enough to be picked.

- A.ready
- B.mature
- C.ripe
- D.advanced

15

Success in this examination depends ..... hard work alone.

- A.at
- B.over
- C.for
- D.on

16

In the following choose the word which express the opposite meaning of the same word

ENORMOUS

- A.Soft
- B.Average
- C.Tiny
- D.Weak

17

COMMISSIONED

- A.Started
- B.Closed
- C.Finished
- D.Terminated

18

EXODUS

- A. Influx
- B. Home-coming
- C. Return
- D. Restoration

19

RELINQUISH

- A. Abdicate
- B. Renounce
- C. Posses
- D. Deny

20

EXPAND

- A. Contract
- B. Condense
- C. Congest
- D. Conclude

21

A 20 litre solution contains oil and kerosene in the ratio 3:5, replace 4 litres of mixture with 4 litres of kerosene what will be the ratio of oil and kerosene?

- A. 3/5
- B. 3/7
- C. 3/8
- D. 1/4

Explanation: When 4 liters are taken out of 20ml, amount of oil in remaining 16 lt =  $\frac{3}{8} * 16 = 6$

Hence the remaining 10 litres would be kerosene

Now additional 4 litres of kerosene is added to the solution

So total quantity of kerosene = 14 litres

Ratio of oil:kerosene =  $\frac{6}{14} = \frac{3}{7}$

22

Find the value of  $(999 - 1)(999 - 2).....(999 - n)$ . Where maximum number of digits in n is 4

- A. 5
- B. 3
- C. 0
- D. 1

Explanation: When  $n = 999$ , the entire product becomes zero

23

In a classroom the average height of all the boys was 170 cm. Rahim recently join the class which originally had 20 boys increased the average to 171cm. Then find the height of Rahim?.

- A.190
- B.185
- C.191
- D.181

Explanation:

Before Rahim joined the total height of all the boys =  $170 \times 20 = 3400$ .

New average =  $(\text{Total height of all students} + \text{height of rahim})/21 = 180$

Therefore  $(3400 + \text{height of rahim})/21 = 171$

Therefore height of Rahim =  $3780 - 3400 = 191$  cms

24

Find the sum of all terms in the series 1,  $1/2, 1/4$  .....

- A.3
- B.2
- C.5
- D.4

Explanation:

This is a GP with  $a = 1$ , and  $r = 1/2$ .

Since  $r < 1$  this is an infinite geometric series. Hence sum of all terms =  $a/(1 - r) = 1/(1 - 1/2) = 2$

25

Consider the following series:

3, 4, 6, 9, 13, \_\_\_\_ What comes next?

- A.15
- B.16
- C.17
- D.18

Explanation: D ( $3+1=4$ ;  $4+2=6$ ;  $6+3=9$ ;  $9+4=13$ ;  $13+5=18$ )

26

Directions for questions 26 to 30: Select the alternative that logically follows from the two given statements.

All scientists are fools. All fools are literates

- A. All literates are scientists
- B. All scientists are literates
- C. No scientists are literates
- D. Both (a) and (b) are correct

27

No apple is an orange. All bananas are oranges.

- A. All apples are oranges
- B. Some apples are oranges
- C. No apple is a banana
- D. None of the above

28

All pens are elephants. Some elephants are cats.

- A. Some pens are cats
- B. No pens are cats
- C. All pens are cats
- D. None of the above

29

All shares are debentures. No debentures are deposits.

- A. All shares are deposits
- B. Some shares are deposits
- C. No shares are deposits
- D. None of the above

30

Many fathers are brothers. All brothers are priests

- A. No father is a priest
- B. Many fathers are not priests
- C. Many fathers are priests
- D. Both (b) and (c)

31

A monkey starts climbing up a tree 20ft. tall. Each hour, it hops 3ft. and slips back 2ft. How much time would it take the monkey to reach the top?

- A. 19

- B.20
- C.18
- D.17

**32**

What is the missing number in this series? 8 2 14 6 11 ? 14 6 18 12

- A.9
- B.10
- C.7
- D.5

**33**

Which of the following numbers is divisible by 4?

- A.1123346
- B.102246
- C. 100234
- D.10224

**34**

At 15:15 pm railway time, what will be the angle between minute and hour hand?

- A.0 degree
- B.180 degrees
- C.360 degrees
- D.both a and c

**35**

Which of the following is not true about C Programming?

- A.C provides function oriented programming
- B.C program can be compiled on a C++ compiler
- C.C supports encapsulation
- D.none of this

**36**

What will be effect of sizeof operator on Unions?

- A.gives the size of the biggest member
- B.gives the size of sum of all members
- C.gives the size of the smallest of the members
- D.none of this

37

Divide by Zero is a common exception of type

- A.Runtime
- B.Compile Time
- C.can be either Run time or Compile time
- D.none of this

38

Find the output of the code snippet

```
char *S1 = "ABCD";  
char S2[ ] = "ABC";  
printf("%d,%d",sizeof(S1), sizeof(S2));
```

- A.3,4
- B.4,4
- C.3,3
- D.4,3

39

Which of the following statements is false?

- A.Pointers are designed for storing memory addresses
- B.Arrays are passed by value to functions
- C.Both of the above are false
- D.none of this

40

Which of the following statements is true regarding static variables?

- A.Both local and global variables can be defined as static variables
- B.Only local variables can be defined as static variables
- C.Scope and life of global variables is limited to the function to which they are declared
- D.none of this

41

An ampersand in front of a pointer variable gives

- A.address of the value
- B.value present at the address
- C.depends on the actual scenario
- D.none of this

42

The size of the bucket is N kb. The bucket fills at the rate of 0.1 kb per millisecond. A programmer sends a program to receiver. There it waits for 10 milliseconds. And response will be back to programmer in 20 milliseconds. How much time the program takes to get a response back to the programmer, after it is sent?

- A.1
- B.20.5
- C.40
- D.30

Explanation: doesn't matter that wat the time is being taken to fill the bucket.after reaching program it waits there for 10ms and back to the programmer in 20 ms.then total time to get the response is 20ms +10 ms=30 ms

**43**

what is a percent of b divided by b percent of a?

- A.a
- B.b
- C.1
- D.10
- E.100

Explanation:

a percent of b  $(a/100) * b$

b percent of a :  $(b/100) * a$

a percent of b divided by b percent of a :  $((a / 100 ) * b) / (b/100) * a ) = 1$

**44**

A face of the clock is divided into three parts. First part hours total is equal to the sum of the second and third part. What is the total of hours in the bigger part?

- A.4
- B.9
- C.6
- D.10

Explanation: the clock normally has 12 hr

three parts x,y,z

$$x+y+z=12$$

$$x=y+z$$

$$2x=12$$

$$x=6$$

so the largest part is 6 hrs

**45**

Five boys were climbing a hill. J was following H. R was just ahead of G. K was between G & H. They were climbing up in a column. Who was the second?

- ( ) A.K
- ( ) B.H
- ( ) C.G
- ( ) D.J

Explanation:

The order in which they are climbing is R-G-K-H-J.

46

It was calculated that 75 men could complete a piece of work in 20 days. When work was scheduled to commence, it was found necessary to send 25 men to another project. How much longer will it take to complete the work?

- ( ) A.25
- ( ) B.30
- ( ) C.40
- ( ) D.20

Explanation:

Before:

One day work =  $1 / 20$

One man's one day work =  $1 / (20 * 75)$

Now:

No. Of workers = 50

One day work =  $50 * 1 / (20 * 75)$

The total no. of days required to complete the work =  $(75 * 20) / 50 = 30$  days

47

A rich merchant had collected many gold coins. He did not want anybody to know about them. One day, his wife asked, "How many gold coins do we have?" After pausing a moment, he replied, "Well! If I divide the coins into two unequal numbers, then 37 times the difference between the two numbers equals the difference between the squares of the two numbers." The wife looked puzzled. Can you help the merchant's wife by finding out how many gold R?

- ( ) A.37
- ( ) B.35
- ( ) C.27
- ( ) D.28

Explanation:  $37(x-y)=x^2-y^2$ . u no tht  $x^2-y^2=(x-y)(x+y)$ .so  $(x-y)$  cancels on both sides to give  $x+y=37$ .so sum of unequal halves=37 which is the req answer.

48

Suppose 8 monkeys take 8 minutes to eat 8 bananas.

(a) How many minutes would it take 3 monkeys to eat 3 bananas?

(b) How many monkeys would it take to eat 48 bananas in 48 minutes

- ( ) A.3,4
- ( ) B.8,6
- ( ) C.8,4
- ( ) D.4,8

Explanation:

a).each mky takes 8 min to eat a banana

b).ans:8m=48 m=6

49

When I add 4 times my age 4 years from now to 5 times my age 5 years from now, I get 10 times my current age. How old will I be 3 years from now?

- ( ) A.35
- ( ) B.41
- ( ) C.46
- ( ) D.38

Explanation:

Let x= current age

$$4(x+4)+5(x+5)=10x \text{ ;so } x=R \text{ 41 years}$$

After 3 years the age will be=41+3=44

50

A box of 150 packets consists of 1kg packets and 2kg packets. Total weight of box is 264kg. How many 2kg packets are there ?

- ( ) A.112
- ( ) B.120
- ( ) C.114
- ( ) D.140

Explanation: x= 2 kg Packs

y= 1 kg packs

x + y = 150 ..... Eqn 1

$2x + y = 264$  ..... Eqn 2

Solve the Simultaneous equation;  $x = 114$

so,  $y = 36$

ANS : Number of 2 kg Packs = 114.

51

Shahrukh speaks truth only in the morning and lies in the afternoon, whereas Salman speaks truth only in the afternoon. A says that B is Shahrukh. Is it morning or afternoon and who is A - Shahrukh or Salman?

- A. Afternoon, salman
- B. morning, salman
- C. Afternoon, shahrukh
- D. morning, shahrukh

52

A student divided a number by  $2/3$  when he required to multiply by  $3/2$ .

Calculate the percentage of error in his result.

- A. 1
- B. 0
- C.  $1/2$
- D. none

Explanation: Since  $3x / 2 = x / (2 / 3)$

53

A man was engaged on a job for 30 days on the condition that he would get a

wage of Rs. 10 for the day he works, but he have to pay a fine of Rs. 2 for

each day of his absence. If he gets Rs. 216 at the end, he was absent for work

for ... days.

- A. 20
- B. 8
- C. 7
- D. 10

Explanation:

The equation portraying the given problem is:

$$10 * x - 2 * (30 - x) = 216 \text{ where } x \text{ is the number of working days.}$$

Solving this we get  $x = 23$

Number of days he was absent was 7 (30-23) days.

**54**

A contractor agreeing to finish a work in 150 days, employed 75 men each working 8 hours daily. After 90 days, only  $\frac{2}{7}$  of the work was completed. Increasing the number of men by \_\_\_\_\_ each working now for 10 hours daily, the work can be completed in time.

A.140

B.150

C.59

D.100

**Explanation:**

$$\text{One day's work} = 2 / (7 * 90)$$

$$\text{One hour's work} = 2 / (7 * 90 * 8)$$

$$\text{One man's work} = 2 / (7 * 90 * 8 * 75)$$

The remaining work ( $\frac{5}{7}$ ) has to be completed within 60 days, because the total number of days allotted for the project is 150 days.

So we get the equation

$$(2 * 10 * x * 60) / (7 * 90 * 8 * 75) = 5/7 \text{ where } x \text{ is the number of}$$

men working after the 90th day.

We get  $x = 225$

Since we have 75 men already, it is enough to add only 150 men.

**55**

A man walks at 4 km/hr on plain, then at 3 km/hr uphill and then returns through the same road at 6 km/hr downhill and at 4 km/hr on the plain. It takes altogether 6 hours. So what distance he covered in one way?

A.24

B.18

C.12

D.10

Explanation: Solution: Let plain road = x km

And hill road = y km

$$x/4 + y/3 + y/6 + x/4 = 6$$

$$x/2 + y/2 = 6$$

$$x + y = 12$$

56

Susan can type 10 pages in 5 minutes. Mary can type 5 pages in 10 minutes. Working together, how many pages can they type in 30 minutes?

A.15

B.20

C.65

D.75

Explanation: E ( $30/5=6$ ;  $6*10=60$ ; Susan will type 60 pages in 30 min.  $30/10=3$ ;  $5*3=15$ ; Mary will type 15 pages in 30 min.  $60+15=75$ )

57

Consider the following series:

3, 4, 6, 9, 13, \_\_\_\_ What comes next?

A.15

B.16

C.17

D.18

Explanation: D ( $3+1=4$ ;  $4+2=6$ ;  $6+3=9$ ;  $9+4=13$ ;  $13+5=18$ )

58

3 blocks are chosen randomly on a chessboard. What is the probability that they are in the same diagonal?

A.0.002688

B.0.011

C.0.002888

D.0.0048

Explanation: There are total of 64 blocks on a chessboard. So 3 blocks can be chosen out of 64 in  ${}^{64}C_3$  ways.

So the sample space is = 41664

There are 2 diagonal on chessboard each one having 8 blocks. Consider one

of them.

3 blocks out of 8 blocks in diagonal can be chosen in  ${}^8C_3$  ways.

But there are 2 such diagonals, hence favourable =  $2 * {}^8C_3 = 2 * 56 = 112$

The require probability is

$$= 112 / 41664$$

$$= 1 / 372$$

$$= 0.002688$$

**59**

What is the area of the triangle ABC with A(e,p) B(2e,3p) and C(3e,5p)?  
where  $p = \text{PI}$  (3.141592654)

A.1.2

B.0

C.5

D.3

Explanation:

A tricky ONE.

Given 3 points are colinear. Hence, it is a straight line.

Hence area of triangle is 0.

**60**

Silu and Meenu were walking on the road. Silu said, "I weigh 51 Kgs. How much do you weigh?" Meenu replied that she wouldn't reveal her weight directly as she is overweight. But she said, "I weigh 29 Kgs plus half of my weight." How much does Meenu weigh?

A.57

B.60

C.58

D.67

Explanation:

Meenu weighs 58 Kgs.

It is given that Meenu weighs 29 Kgs plus half of her own weight. It means that 29 Kgs is the other half. So she weighs 58 Kgs.

Solving mathematically, let's assume that her weight is X Kgs.

$$X = 29 + X/2$$

$$2 * X = 58 + X$$

$$X = 58 \text{ Kgs}$$