

## Accenture Test 3

1

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

- A.Excitement
- B.Worry
- C.Flux
- D.Anterroom

2

ASCEND

- A.Leap
- B.Grow
- C.Deviate
- D.Mount

3

TURN UP

- A.Land up
- B.Show up
- C.Crop up
- D.Come up

4

VIGOUR

- A.Strength
- B.Boldness
- C.Boldness
- D.Enthusiasm

5

GARNISH

- A.Paint
- B.Garner
- C.Adorn
- D.Abuse

6

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

- A.Object
- B.refuse
- C.Grant
- D.accede

7

VIRTUOUS

- A.Wicked
- B.Corrupt
- C.Vicious
- D.Scandalous

8

GAIN

- A.Loose
- B.Fall
- C.Lost
- D.Lose

9

DEFIANCE

- A.Anxiety
- B.Obedience
- C.Suspicion
- D.Dismay

10

LUCID

- A.Glory
- B.Noisy
- C.Obscure
- D.Distinct

11

Read the passage and answer that follow on the basis of instruction provided in the passage  
PASSAGE Courage is not only the basis of virtue; it is its expression. faith, hope, charity and all the rest don't become virtues until it takes courage to exercise them. There are roughly two types of courage. the first an emotional state which urges a man to risk injury or death, is physical courage. The second, more reasoning attitude which enables him to take coolly his career, happiness, his whole future or his judgement of what he thinks either right or worthwhile, is moral courage. I have known many men, who had marked physical courage, but lacked moral courage. Some of them were in high places, but they failed to be great in themselves because they lacked moral courage. On the other hand I have seen men who undoubtedly possessed moral courage but were very cautious about taking physical risks. But I have never met a man with moral courage who couldn't, when it was really necessary, face a situation boldly. A man of courage is

- A.Cunning
- B.Intelligent
- C.Curious
- D.carefuL

12

Physical courage is an expression of

- A.emotions
- B.deliberation
- C.uncertainty
- D.defiance

13

A man with moral courage can

- A.defy his enemies
- B.overcome all difficulties
- C.face a situation boldly
- D.be very pragmatic

14

People with physical courage of ten lack

- A.mental balance
- B.capacity for reasoning
- C.emotional stability
- D.will to fight

15

All virtues become meaningful because of

- A.Faith
- B.charity
- C.courage
- D.hope

16

Complete the sentence with suitable word . The miser gazed ..... at the pile of gold coins in front of him.

- A.avidly
- B.admiringly
- C.thoughtfully
- D.earnestly

17

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

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

18

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

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

19

729 ml of a mixture contains milk and water in ratio 7:2. How much of the water is to be added to get a new mixture containing half milk and half water?

- A.79
- B.81
- C.72
- D.91

Explanation: Milk =  $(729 * (7/9))=567$ ml Water =  $(729-567)= 162$ ml Let water to be added be x ml  
 $567/(162+x) = 7/3$   $1701 = 1134 + 7x$   $x = 81$ ml

20

If one-seventh of a number exceeds its eleventh part by 100 then the number is...

- ( ) A.770
- ( ) B.1100
- ( ) C.1825
- ( ) D.1925

Explanation: Let the number be x. Then  $X/7 - x/11 = 100$   $11x - 7x = 7700$   $x = 1925$ .

21

If  $1.5x = 0.04y$  then the value of  $(y-x)/(y+x)$  is

- ( ) A.730/77
- ( ) B.73/77
- ( ) C.7.3/77
- ( ) D.None

Explanation:  $x/y = 0.04/1.5 = 2/75$  So  $(y-x)/(y+x) = (1 - x/y)/(1 + x/y) = (1 - 2/75)/(1 + 2/75) = 73/77$ .

22

The smallest number which when diminished by 3 is divisible by 21,28,36 and 45 is...

- ( ) A.869
- ( ) B.859
- ( ) C.4320
- ( ) D.1263

Explanation: The required number = l.c.m. of (21,28,36 ,45)+3=1263

23

If x and y are the two digits the number 653xy such that this number is divisible by 80, then x+y is equal to:

- ( ) A.2
- ( ) B.3
- ( ) C.4
- ( ) D.6

Explanation: Since 653xy is divisible by 2 as well as by 5, so  $y = 0$  Now 653x0 is divisible by 8 so  $3x0$  is also divisible by 8. By hit and trial  $x=6$  and  $x+y = 6$

24

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

25

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

26

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

27

What is the default size of a integer variable ?

- A.2
- B.4
- C.can be 2 or 4 depending on the operating system
- D.none of this

28

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 is false.
- D.none of this

29

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

30

A 20 litre solution conatins 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.1/7
- B.3/7
- C.1/6
- D.1/8

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 =  $\frac{6}{14} = \frac{3}{7}$

31

It was vacation time, and so I decided to visit my cousin's home. What a grand time we had! In the mornings, we both would go for a jog. The evenings were spent on the tennis court. Tiring as these activities were, we could manage only one per day, i.e., either we went for a jog or played tennis each day. There were days when we felt lazy and stayed home all day long. Now, there were 12 mornings when we did nothing, 18 evenings when we stayed at home, and a total of 14 days when we jogged or played tennis. For how many days did I stay at my cousin's place?

- A.21
- B.24
- C.22
- D.20

Explanation: Use sets and venn diagram to solve such questions.a,b ,aub,anb etc.  $12 = \text{tennis} + \text{leave}$   
 $18 = \text{jog} + \text{leave}$  so  $\text{jog} - \text{tennis} = 6$  again  $\text{jog} + \text{tennis} = 14$ .so solve and get  $\text{jog} = 10, \text{leave} = 8, \text{tennis} = 4$ .so  $\text{tot} = 22$

32

If MADRAS is coded as NBESBT. How is BOMBAY coded in that code?

- A.CPNCPX
- B.CPNCBZ
- C.CPOCBZ
- D.CQOCBZ

Explanation: Now you can see that in the above example each letter in the word MADRAS is moved one step forward to obtain the corresponding letter of the code. M is coded as N, A is coded as B and so on. M A D R A S N B E S B T So code for B O M B A Y is C P N C B Z Likewise code may be moved one step backward also.

**33**

If T A P is coded as S Z O Then code: F R E E Z E

- ( ) A.D R B B Y Z
- ( ) B.E Q D D Y D
- ( ) C.E Z E E R Z
- ( ) D.O Q E B B S

Explanation: letters may be moved alternately one step forward & one step backward or vice - versa.  
Order of letters may be reversed.

**34**

Statements: All the poets are goats. Some goats are trees. 1. Some poets are trees. 2. Some trees are goats.

- ( ) A.Only (1) conclusion follows
- ( ) B.Only (2) conclusion follows
- ( ) C.Either (1) or (2) follows
- ( ) D.Neither (1) nor (2) follows

**35**

Statements: Some mangoes are yellow. Tixo is a mango. Conclusions: 1. Some mangoes are green. 2. Tixo is a yellow.

- ( ) A.Only (1) conclusion follows
- ( ) B.Only (2) conclusion follows
- ( ) C.Either (1) or (2) follows
- ( ) D.Neither (1) nor (2) follows

**36**

Statements: Some ants are parrots. All the parrots are apples. Conclusions: 1. All the apples are parrots. 2. Some ants are apples.

- ( ) A.Only (1) conclusion follows
- ( ) B.Only (2) conclusion follows
- ( ) C.Either (1) or (2) follows
- ( ) D.Neither (1) nor (2) follows

37

A tennis marker is trying to put together a team of four players for a tennis tournament out of seven available. males - a, b and c; females – m, n, o and p . All players are of equal ability and there must be at least two males in the team. For a team of four, all players must be able to play with each other under the following restrictions: b should not play with m, c should not play with p, and a should not play with o. Which of the following statements must be false? 1. b and p cannot be selected together 2. c and o cannot be selected together 3. c and n cannot be selected together.

- A.1  
 B.3  
 C.2  
 D.none of the above

Explanation: Since inclusion of any male player will reject a female from the team. Since there should be four member in the team and only three males are available, the girl, n should included in the team always irrespective of others selection.

38

Five farmers have 7, 9, 11, 13 & 14 apple trees, respectively in their orchards. Last year, each of them discovered that every tree in their own orchard bore exactly the same number of apples. Further, if the third farmer gives one apple to the first, and the fifth gives three to each of the second and the fourth, they would all have exactly the same number of apples. What were the yields per tree in the orchards of the third and fourth farmers?

- A.12,10  
 B.11,9  
 C.13,12  
 D.6,14

Explanation: Let a, b, c, d & e be the total number of apples bored per year in A, B, C, D & E 's orchard. Given that  $a + 1 = b + 3 = c - 1 = d + 3 = e - 6$  But the question is to find the number of apples bored per tree in C and D 's orchard. If is enough to consider  $c - 1 = d + 3$ . Since the number of trees in C's orchard is 11 and that of D's orchard is 13. Let x and y be the number of apples bored per tree in C & d 's orchard respectively. Therefore  $11x - 1 = 13y + 3$  By trial and error method, we get the value for x and y as 11 and 9

39

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

40

4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 10 women complete it?

- ( ) A.35  
( ) B.40  
( ) C.45  
( ) D.50

Explanation: Let 1 man's 1 day's work = x and 1 woman's 1 day's work = y. Then,  $4x+6y=1/8$  and  $3x+7y=1/10$  Solving the two equations, we get:  $x=11/400, y=1/400$  1 woman's 1 days work =  $1/400$ . 10 women's 1 days work =  $(1/400 \times 10) = 1/40$ . hence, 10 women will complete the work in 40 days

41

Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is:

- ( ) A.1:2  
( ) B.3:2  
( ) C.3:4  
( ) D.none of this

Explanation: Let the speeds of the two trains be x m/sec and y m/sec respectively. Then, length of the first train = 27x metres, and length of the second train = 17y metres.  $27X+17Y+23$   $27X+17 Y=23X+23Y$   
 $4X=6Y$   $X/Y=3/2$

42

If selling price is doubled, the profit triples. Find the profit percent.

- ( ) A.  $66 \frac{2}{3}$   
( ) B.100  
( ) C.  $105 \frac{1}{3}$   
( ) D.120

Explanation: Let C.P. be Rs. x and S.P. be Rs. y. Then  $3(y-x)=(2y-x)=y+2x$  profit = Rs(y-x) = Rs(2x-x) = Rs x  
profit% =  $(x/x \times 100)\% = 100\%$

43

The present ages of three persons in proportions 4 : 7 : 9. Eight years ago, the sum of their ages was 56. Find their present ages (in years).

- ( ) A.8, 20, 28  
( ) B.16, 28, 36  
( ) C.20, 35, 45  
( ) D.None of these

Explanation: Let their present ages be 4x, 7x and 9x years respectively. Then,  $(4x - 8) + (7x - 8) + (9x - 8) = 56$   
 $20x = 80$   $x = 4$ . Their present ages are  $4x = 16$  years,  $7x = 28$  years and  $9x = 36$  years respectively.

44

If a light flashes every 6 seconds, how many times will it flash in  $\frac{3}{4}$  of an hour?

- ( ) A.450
- ( ) B.451
- ( ) C.350
- ( ) D.425

Explanation: There are 60 minutes in an hour. In  $\frac{3}{4}$  of an hour there are  $(60 * \frac{3}{4})$  minutes = 45 minutes. In  $\frac{3}{4}$  of an hour there are  $(60 * 45)$  seconds = 2700 seconds. Light flashed for every 6 seconds. In 2700 seconds  $2700/6 = 450$  times. The count start after the first flash, the light will flashes 451 times in  $\frac{3}{4}$  of an hour.

45

A square garden has fourteen posts along each side at equal interval. Find how many posts are there in all four sides:

- ( ) A.56
- ( ) B.52
- ( ) C.44
- ( ) D.60

Explanation: Reqd no. of posts = 4 (at the corners) + 4 × 12 (in between on the sides) = 4 + 48 = 52

46

Average age of students of an adult school is 40 years. 120 new students whose average age is 32 years joined the school. As a result the average age is decreased by 4 years. Find the number of students of the school after joining of the new students:

- ( ) A.1200
- ( ) B.120
- ( ) C.360
- ( ) D.240

Explanation: Let the original no. of students be x A.T.S.  $40x + 120 \times 32 = (x + 120)36 \Rightarrow x = 120 \therefore$  Reqd no. of students after joining the new students =  $x + 120 = 240$

47

When Rs 250 added to  $\frac{1}{4}$ th of a given amount of money makes it smaller than  $\frac{1}{3}$ rd of the given amount of money by Rs 100. What is the given amount of money?

- ( ) A.350
- ( ) B.600
- ( ) C.4200
- ( ) D.3600

Explanation: Let the given amount be Rs x A.T.S.  $\frac{x}{3} - (\frac{x}{4} + 250) = 100 \Rightarrow x = \text{Rs } 4200$

48

Find the least number of candidates in an examination so that the percentage of successful candidates should be 76.8%:

- ( ) A.500
- ( ) B.250
- ( ) C.125
- ( ) D.1000

Explanation: No. of successful candidates = 76.8% of  $x$  = total students =  $(x = 768/100 * 100/x)96/125x$   
Which must be a whole no.  $\therefore$  The reqd least no. = 125

49

The number of times a bucket of capacity 4 litres to be used to fill up a tank is less than the number of times another bucket of capacity 3 litres used for the same purpose by 4. What is the capacity of the tank?

- ( ) A.360
- ( ) B.256
- ( ) C.48
- ( ) D.525

Explanation:  $x/4 - x/3 = 4 \Rightarrow x = 48$  l

50

The ratio of ages of two persons is 4 : 7 and one is 30 years older than the other. Find the sum of their ages

- ( ) A.210
- ( ) B.110
- ( ) C.90
- ( ) D.140

Explanation:  $x/x + 30 = 4/7$  or  $x=40$  Sum of ages =  $x + x + 30 = 110$

51

The greatest two digit number whose square root is an integer is:

- ( ) A.99
- ( ) B.89
- ( ) C.120
- ( ) D.24

Explanation:  $5/3 + 4 + 5 * x = 10 = \text{Rs } 24$

52

Danielle has been visiting friends in Ridge-wood for the past two weeks. She is leaving tomorrow morning and her flight is very early. Most of her friends live fairly close to the airport. Madison lives ten miles away. Frances lives five miles away, Samantha, seven miles. Alexis is farther away than Frances, but closer than Samantha. Approximately how far away from the airport is Alexis?

- ( ) A.nine miles
- ( ) B.seven miles
- ( ) C.eight miles
- ( ) D.six miles

Explanation: Alexis is farther away than Frances, who is five miles away, and closer than Samantha, who is seven miles away

53

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: Let plain road = x km And hill road = y km ?  $x/4 + y/3 + y/6 + x/4 = 6$  ?  $x/2 + y/2 = 6$  ?  $x + y = 12$

54

The distance between Station Atena and Station Barcena is 90 miles. A train starts from Atena towards Barcena. A bird starts at the same time from Barcena straight towards the moving train. On reaching the train, it instantaneously turns back and returns to Barcena. The bird makes these journeys from Barcena to the train and back to Barcena continuously till the train reaches Barcena. The bird finally returns to Barcena and rests. Calculate the total distance in miles the bird travels in the following two cases: (a) The bird flies at 90 miles per hour and the speed of the train is 60 miles per hour. (b) the bird flies at 60 miles per hour and the speed of the train is 90 miles per hour

- ( ) A.135,60
- ( ) B.140,55
- ( ) C.135,50
- ( ) D.140,70

Explanation: a) There is no need to consider their meeting pt at all.the train has been running for  $90\text{miles}/(60\text{miles/hr})=1.5\text{hrs}$ .bird flies till train reaches destination frm strting pt.so bird flies for 1.5hrs at the vel given(90).so  $\text{dist}=1.5*90=135\text{miles}$  b) time of train=1hr.so  $\text{dist of bird}=60*1=60\text{miles}$

55

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.25
- 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.  $60+15=75$ )

56

Consider the following series: 3, 4, 6, 9, 13, \_\_\_\_ What comes next?

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

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

57

Which one of the following is not a prime number?

- A.31
- B.61
- C.71
- D.91

Explanation: 91 is divisible by 7. So, it is not a prime number

58

How many of the following numbers are divisible by 132 ? 264, 396, 462, 792, 968, 2178, 5184, 6336

- A.4
- B.5
- C.6
- D.7

Explanation:  $132 = 4 \times 3 \times 11$  So, if the number divisible by all the three number 4, 3 and 11, then the number is divisible by 132 also.  $264 = 11,3,4$  (/)  $396 = 11,3,4$  (/)  $462 = 11,3$  (X)  $792 = 11,3,4$  (/)  $968 = 11,4$  (X)  $2178 = 11,3$  (X)  $5184 = 3,4$  (X)  $6336 = 11,3,4$  (/) Therefore the following numbers are divisible by 132 : 264, 396, 792 and 6336. Required number of number = 4.

**59**

The largest 4 digit number exactly divisible by 88 is:

- A.9944
- B.9768
- C.9988
- D.8888

Explanation: Largest 4-digit number = 9999 88) 9999 (113 88 ---- 119 88 ---- 319 264 --- 55 --- Required number = (9999 - 55) = 9944.

**60**

The sum of first five prime numbers is:

- A.11
- B.18
- C.26
- D.28