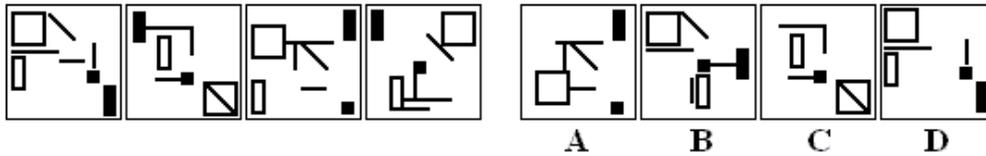


Cognizant Test 4

1

Which figure completes the series



A. A

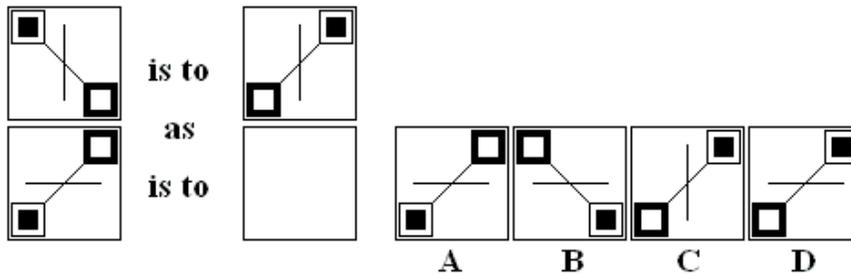
B. B

C. C

D. D

2

Which figure completes the statement?



A. A

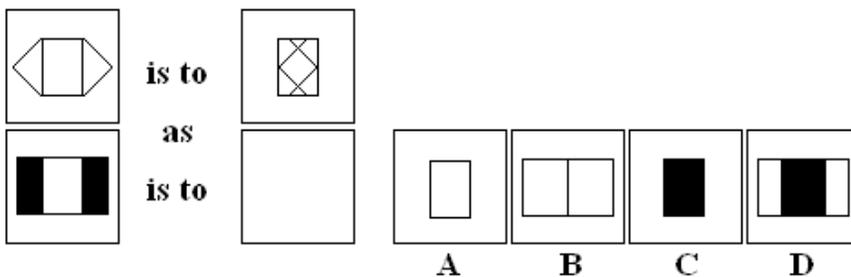
B. B

C. C

D. D

3

Which figure completes the statement?



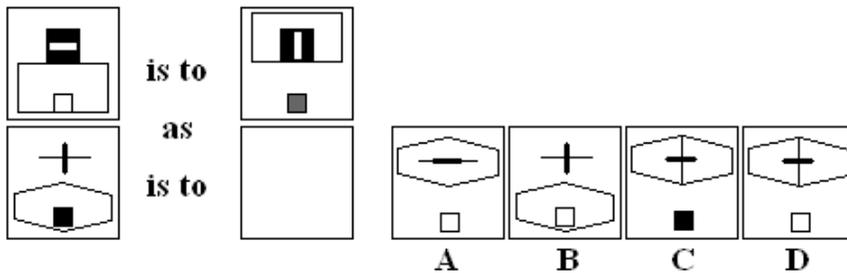
A. A

B. B

- C. C
- D. D

4

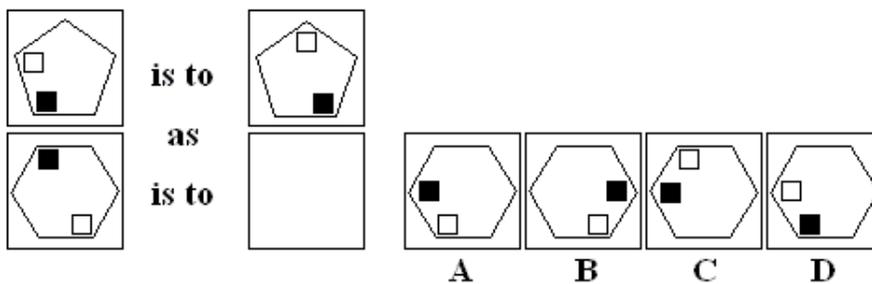
Which figure completes the statement?



- A. A
- B. B
- C. C
- D. D

5

Which figure completes the statement?



- A. A
- B. B
- C. C
- D. D

6

These questions are based on the basis of following information. Study it carefully and answer the questions.

Eight executives J, K, L, M, N, O, P, and Q are sitting around a circular table for a meeting. J is second to the right of P who is third to the right of K. M is second to the left of O who sits between P and J, L is not a neighbour of K or N.

Who is to the immediate left of L?

- A) Q
- B) O
- C) K
- D) N

7

Who is to the immediate left of K?

- A) N
- B) J
- C) Q
- D) None of these

8

Which of the following is the correct position of N?

- A) Second to the right of K
- B) To the immediate left of K
- C) To the immediate right of M
- D) To the immediate right of

9

Who is third to the right of P?

- A) L
- B) J
- C) Q
- D) N

10

Which of the following groups of persons have the first person sitting between the other two?

- A) PJO
- B) OPJ
- C) OPM
- D) MPO

11

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

- (A) If only (1) conclusion follows
- (B) If only (2) conclusion follows
- (C) If either (1) or (2) follows
- (D) If neither (1) nor (2) follows and
- (E) If both (1) and (2) follow

Statement :All windows are doors .No door is a bat

Conclusion :

1. No window is bat '
2. No bat is door

- () A. A
- () B. B
- () C. C
- () D. D
- () E. E

Explanation: Combination of SAP and SEP produces SEP only.

12

Statement:All glasses are liquids .All liquids are fluids

Conclusion:

1. All glasses are fluids
2. All fluids are glasses

- () A. A
- () B. B
- () C. C
- () D. D
- () E. E

13

Statement: Some gold are bright. . Some bright are silver

Conclusion:

1. Some gold are silver
2. Some bright are gold.

- () A. A

- () B. B
- () C. C
- () D. D
- () E. E

Explanation:

The middle term 'ponds' has not been distributed at least once in the premises. More over, the combination of SIP and SIP never produces any conclusion

14

Statement: All flowers are garden . All gardens are fruits.

Conclusion:

1. All fruits are flowers
2. All flowers are fruits.

- () A. A
- () B. B
- () C. C
- () D. D
- () E. E

Explanation:

In first conclusion, the term 'fruits' is distributed which is not distributed in premises.

15

Statement: All poets are singers .No singer is composer.

Conclusion:

1. No composer is poet
2. All singers are poet.

- () A. A
- () B. B
- () C. C
- () D. D
- () E. E

Explanation:

In Second conclusion, the term 'singer' is distributed which is not distributed in first premises

16

The high school math department needs to appoint a new chairperson, which will be based on seniority. Ms. West has less seniority than Mr. Temple, but more than Ms. Brody. Mr. Rhodes has more seniority than Ms. West, but less than Mr. Temple. Mr. Temple doesn't want the job. Who will be the new math department chairperson?

- A. Mr. Rhodes
- B. Mr. Temple
- C. Ms. West
- D. Ms. Brody

Explanation:

Mr. Temple has the most seniority, but he does not want the job. Next in line is Mr. Rhodes, who has more seniority than Ms. West or Ms. Brody

17

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

18

In a four-day period Monday through Thursday each of the following temporary office workers worked only one day, each a different day. Ms. Johnson was scheduled to work on Monday, but she traded with Mr. Carter, who was originally scheduled to work on Wednesday. Ms. Falk traded with Mr. Kirk, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday?

- A. Mr. Carter
- B. Ms. Falk
- C. Ms. Johnson
- D. Mr. Kirk

Explanation:

After all the switches were made, Mr. Kirk worked on Tuesday. Mr. Carter worked on Monday, Ms.

Johnson on Wednesday, and Ms. Falk on Thursday.

19

Four people witnessed a mugging. Each gave a different description of the mugger. Which description is probably right?

- A. He was average height, thin, and middle-aged.
- B. He was tall, thin, and middle-aged.
- C. He was tall, thin, and young.
- D. He was tall, of average weight, and middle-aged.

Explanation:

Tall, thin, and middle-aged are the elements of the description repeated most often and are therefore the most likely to be accurate.

20

Ms. Forest likes to let her students choose who their partners will be; however, no pair of students may work together more than seven class periods in a row. Adam and Baxter have studied together seven class periods in a row. Carter and Dennis have worked together three class periods in a row. Carter does not want to work with Adam. Who should be assigned to work with Baxter?

- A. Carter
- B. Adam
- C. Dennis
- D. Forest

Explanation: Baxter should be assigned to study with Carter. Baxter cannot be assigned with Adam, because they have already been together for seven class periods. If Baxter is assigned to work with Dennis, that would leave Adam with Carter, but Carter does not want to work with Adam.

21

Brian is dividing 50 marbles into 3 groups. How many marbles are in the largest of the three groups?

- (1) The sum of the two smaller groups of marbles is equal to the largest group of marbles.

(2) The smallest group contains 6 marbles

- A. Statement (1) ALONE is sufficient, but statement (2) is not sufficient.
- B. Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
- C. BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- D. EACH statement ALONE is sufficient

Explanation:

The first statement establishes that the larger group constitutes half of the total amount of marbles, which means it must be equal to 25 marbles.

22

Manu and Joby each received a salary increase. Which one received the greater dollar increase?

- (1) Manu salary increased 8 percent.
- (2) Joby salary increased 5 percent

- A. Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- B. Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- C. BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- D. Statements (1) and (2) TOGETHER are NOT sufficient.

Explanation:

In (1) there is no information about joby salary and in (2) there is no information about manu salary; thus neither statement alone is sufficient, and the answer must be the third or fifth choice. Since (1) and (2) together give only the percentage increases in salary, it cannot be determined which person received the greater dollar increase. Therefore, (1) and (2) together are not sufficient, and the best answer is the last choice.

23

Is the perimeter of a given rectangle greater than 8 inches?

- (1) The two shorter sides of the rectangle are 2 inches long.
- (2) The length of the rectangle is 2 inches greater than the width of the

- A. Statement (1) ALONE is sufficient, but statement (2) is not sufficient.
- B. Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
- C. BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is

sufficient.

D. EACH statement ALONE is sufficient.

Explanation: If the two shorter sides add up to 4 inches in length, the two longer sides must be greater than 4 inches, meaning that the perimeter will be greater than 8 inches.

24

What is the average test score of Angela, Barry, Carl, Dennis, and Edward?

(1) The average of the test scores of Barry, Carl, and Edward is 87.

(2) The average of the test scores of Angela and Dennis is 84.

A. Statement (1) ALONE is sufficient, but statement (2) is not sufficient.

B. Statement (2) ALONE is sufficient, but statement (1) is not sufficient.

C. BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

Explanation: As long as the sum of all five test scores can be calculated, it will be possible to calculate the average score.

25

The symbol ∇ represents one of the following operations: addition, subtraction, multiplication, or division. What is the value of $3 \nabla 2$?

(1) $0 + 1 = 1$

(2) $1 - 0 = 1$

A. Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.

B. Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.

C. BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient

Explanation:

Since $0 + 1 = 1$, $0 - 1 = -1$, $0 \times 1 = 0$, and $0 \div 1 = 0$, it follows from (1) that ∇ represents addition, so the value of $3 \nabla 2$ can be determined. Hence, (1) alone is sufficient. Since $1 + 0 = 1$, $1 - 0 = 1$, $1 \times 0 = 0$, and $1 \div 0$ is undefined, it follows from (2) that ∇ could represent either addition or subtraction, so that $3 \nabla 2$ could equal 5 or 1. Thus, (2)

alone is not sufficient.

The best answer is the first choice

26

372, 823, 644, 582, 46?, 8?7. Then which digits will come at the place of (?)

- () A) 6,7
- () B) 5,9
- () C) 6,2
- () D) 5,3

	6	
	?	

372 823 644 582 46 ? 8 ? 7

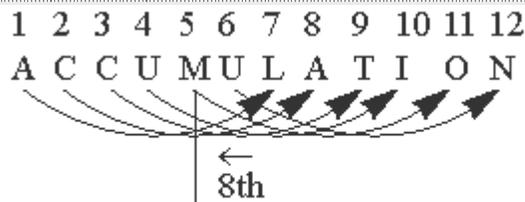
$372 = 3 + 7 + 2 = 12$
 $46? = 4 + 6 + ? = 16$
 $823 = 8 + 2 + 3 = 13$
 $? = 16 - 10 = 6$
 $644 = 6 + 4 + 4 = 14$
 $8?7 = 8 + ? + 7 = 17$
 $582 = 5 + 8 + 2 = 15$
 $? = 2$
 $\therefore ?, ? = 6, 2$

Explanation:

27

If 1st & 7th, 2nd & 8th, 3rd & 9th and so on are interchanged in the word ACCUMULATION, which will be the 8th letter from the right.

- () A) O
- () B) U
- () C) C
- () D) M



M will be changed into O

Explanation:

28

If SERPENT is coded as TNEPRES, then PLAGUE will be coded as:

- () A. EUAGLP
- () B. EUGLAP
- () C. EUGALP
- () D. EULAGP

Explanation:

Its coded reversely

29

I am standing in a row 9th from either side find that how many persons are in the row.

- () A)15
- () B)19
- () C)17
- () D)16

$$\begin{array}{c} \rightarrow \textcircled{9} \leftarrow \\ 8 + 8 + 1 = 17 \end{array}$$

Explanation:

30

If EASE is coded as HDVH, then SEE will be coded as:

- () A. DHH
- () B. VHV
- () C. VHH
- () D. VVH

31

Read the following passage and answer the questions:

To those who do listen, the desert speaks of things with an emphasis quite different from that of the shore, the mountain, the valley or the plains, whereas these invite action and suggest limitless

opportunity and exhaust less resources, the implications and the mood of the desert are something different. For one thing, the desert is conservative not radical. It is more likely to provide awe than to invite conquest. The heroism which it encourages is the heroism of endurance, not that of conquest. It brings man up against this limitation, turns him upon himself and suggests values which more indulgent regions suppress. Sometimes it includes contemplation in men who have never

contemplated before : And of all the answers to the question- what is a desert good for - 'contemplation' is perhaps the best. The last half of my life was spent at one of those painful epochs of human history, during which world was getting worse and past victories which had seemed to be definitive have turned out to be only temporary. When I was young , Victorian optimism was taken for granted. It was thought that freedom and prosperity would spread gradually throughout the world through an orderly process, and it was hoped that cruelty ,tyranny and injustice would continually diminish. Hardly anyone thought of the nineteenth century as a brief interlude between past and future barbarism.

In order to receive the desert's message ,the beholder needs to be?

- A. contemplation
- B. Indolence
- C. Heroic Endeavor
- D. Adventurous Spirit

32

If one responds with insight to the mood of the desert,it evokes?

- A. An inclination for deep thought
- B. The possibility of unending resources
- C. The desire for Heroic conquest
- D. A sense of intense revulsion

33

The writer calls the desert “conservative rather than radical” because it provides an environment that

- A. Inspires man to explore it
- B. Offers unlimited opportunity to conquer
- C. Tests ones Endurance
- D. makes one gloomy

34

What does the phrase "it brings man up against his limitations" ,mean?

- A. It makes man feel hopeless about his limitations
- B. It makes man aware of his limitations
- C. It compels man to fight against his limitations
- D. It persuades man to overcome his limitations

35

Which of the following represents a methodological handicap in the field of astronomy?

- A) The difficulty of formulating predictive theories.
- B) The impossibility of evaluating data collected by early observers.
- C) The difficulty of correlating observed data with theoretical predictions.

()D) The difficulty of testing hypotheses through experimentation.

36

Read the following passage and answer the questions:

Work expands so as to fill the time available for its completion .The general recognition of this fact is shown in the proverbial phrase,' It is the busiest man who has time to spare'. Thus, an elderly lady at leisure can spend the entire day writing a post card to her niece. An hour will be spent in writing a postcard , another hunting for spectacles, half an hour to search for the address ,an hour and a quarter in composition and twenty minutes in deciding

whether or not to take an umbrella when going to the pillar box in the street. The total effort that could occupy a busy man for three minutes, all told may in this fashion leave another person completely exhausted after a day of doubt ,anxiety and toil. Accidents on roads can be prevented, provided the quality of roads is improved and the drivers are instructed in safety rules which they must follow for their own protection. It is also necessary that the illumination on the roads is adequate so as to prevent accidents at night. The surprisingly abundant life of the Indian Ocean is confined to the upper layers; the deeper and especially the bottom waters are devoid of oxygen and are often permeated with hydrogen sulphide. It is not luck but labour that makes man. Luck, says an American Writer, is ever waiting for something to turn up; labour with keen eyes and strong will always turns up something. Luck lies in bed and wishes the postman would bring him news of legacy ; labour turns out at six and with busy pen ringing hammer lays the foundation of competence . Luck whines, labour watches. Luck slips downwards to self-indulgence; labour strides upwards and aspires to independence. The conviction therefore, is extending that diligence is the mother of good luck. In other words that a man's success in life will be proportionate to his efforts, to his industry, to his attention to small things.

What is the total time spent by the elderly lady in writing a postcard?

- ()A. Three minutes
- ()B. four hours and five minutes.
- ()C. half day
- ()D. the entire day

37

Which one of the following words in the passage indicate that the writer does not ultimately reject the element of luck?

- ()A. ' Luckis ever waiting'.
- ()B. ' Luck whines'
- ()C. Diligence is the mother of good luck
- ()D. Luck ... wishes the postman would bring him news.

38

..... Labour turns out at six and with busy pen ringing hammer lays the foundation of competence '.

what does this statement mean?

- A. Hard work of all kinds make people efficient.
- B. Labour lays the foundation of the building.
- C. The writer and the labourer are the true eyes of the society.
- D. There is no worker who works so hard as the labourer who begins

39

Which one of the following words in the passage indicate that the writer does not ultimately reject the element of luck?

- A. 'Luckis ever waiting'
- B. Luck whines'
- C. Diligence is the mother of good luck
- D. Luck ... wishes the postman would bring him news.

40

passage provides information that would answer which of the following questions?

- (A) criticize scientists who believe that the deuterium-tritium fusion reacti
- (B) How much incidental radiation is produced in the deuterium-tritium fusion reaction?
- (C) Why are scientists exploring the deuterium-tritium fusion reaction with such zeal?
- (D) Why must the tritium for nuclear fusion be synthesized from lithium?
- (E) Why does the deuterium-tritium reaction yield both alpha particles and neutrons?

41

Despite of their differences on matters of principles, they all agree on the demand of hike is salary?

- A. Despite their
- B. Despite of the
- C. Despite for their
- D. Despite off their

42

The man who has committed such a serious crime must get the mostly severe punishment.

- A. be getting the mostly severely
- B. get the most severe
- C. have got the most severely
- D. have been getting the severe most

43

For many centuries in Indian History there was no city so famous like the city of Ujjain.

- A. as

- B. such as
- C. likewise
- D. so like

44

We don't know how did the thief made an escape.

- A. how the thief did make
- B. how the thief does make
- C. how the thief made
- D. how was the thief made

45

He is a singer of repute, but his yesterday's performance was quite disappointing.

- A. performances of yesterday were
- B. yesterday performance was
- C. yesterday performance were
- D. No correction required

46

Their earnings are such that they find it difficult to make both ends to meet

- A. to makings both ends meet
- B. to make both ends for meeting
- C. to make both ends meet
- D. for making both ends to meet

47

They examined both the samples very carefully but failed to detect any difference in them.

- A. some difference in
- B. some difference between
- C. any difference between
- D. any difference among

48

He has received no other message than an urgent telegram asking him to rush his village immediately.

- A. asked him to rush his village
- B. asking him to have rush his village
- C. asking him to rush to his village
- D. asking him rushing at his village

49

The tea-estate administration is in such mess there is no leader to set the things right.

- A. in such a mess here
- B. in a such mess that here
- C. in such a mess that there
- D. with such a mess that there

50

"Friends and comrades, the light has gone away from our lives and there is darkness everywhere"

- A. off
- B. out of
- C. out from
- D. out off

51

S₁:The December dance and music season in Madras is like the annual tropical cyclone.

P: A few among the new aspirants dazzle with the colour of youth, like fresh saplings.

Q:It rains an abundance of music for over a fortnight.

R:Thick clouds expectation charge the atmosphere with voluminous advertisements.

S: At the end of it one is left with the feeling that the music of only those artists seasoned by careful nurturing, stands tall like well-rooted trees.

S₆:Many a hastily planned shrub gets washed away in the storm.

The Proper sequence should be:

- A. RQPS
- B. QRPS
- C. RQSP
- D. QRSP

52

S₁: There is a touching story of Professor Hardy visiting Ramanujan as he lay desperately ill in hospital at Putney.

P: 'No Hardy, that is not a dull number in the very least.

Q: Hardy, who was a very shy man, could not find the words for his distress.

R: It was 1729.

S: The best he could do, as he got to the bedside was "I say Ramanujan, I thought the number of taxi I came down in was a very dull number"

S₀: It is the lowest number that can be expressed in two different ways as the sum of two cubes.

The Proper sequence should be:

() A. PRSQ

() B. QSRP

() C. QSPR

() D. SQRP

53

S₁: Politeness is not a quality possessed by only one nation or race.

P One may observe that a man of one nation will remove his hat or fold his hands by way of greetings : when he meets someone he knows.

Q: A man of another country will not do so.

R: It is a quality to be found among all peoples and nations in every corner of the earth.

S: Obviously, each person follows the custom of his particular country.

S₀: In any case, we should not mock at others habits.

The Proper sequence should be:

() A. RPQS

() B. RPSQ

() C. PRQS

() D. QPRS

54

S₁: Throughout history man has used energy from the sun.

P : Today, when we burn wood or use electric current we are drawing an energy.

Q : However we now have a new supply of energy.

R : All our ordinary life depends on sun.

S : This has come from the sun.

S₆: This energy comes from inside atoms.

- () A. SQPR
- () B. RQPS
- () C. QSRP
- () D. PSRQ

55

S₁: This weather-vane often tops a church spire, tower or high building.

P: They are only wind-vanes.

Q: Neither alone can tell us what the weather will be.

R: They are designed to point to direction from which the wind is coming.

S: Just as the barometer only tells us the pressure of air, the weather-vane tells us the direction of wind.

S₆: The weather-vane can, however give us some indication of other.

The Proper sequence should be:

- () A. PQRS
- () B. PSRQ
- () C. PRSQ
- () D. SPQR