Cognizant Test 1

1
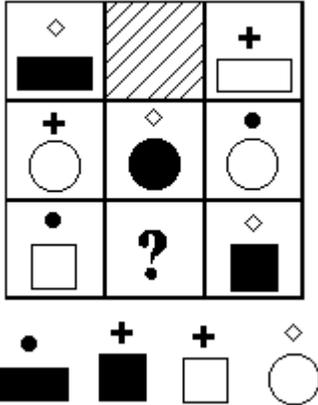
Please find the figure continuing the series:
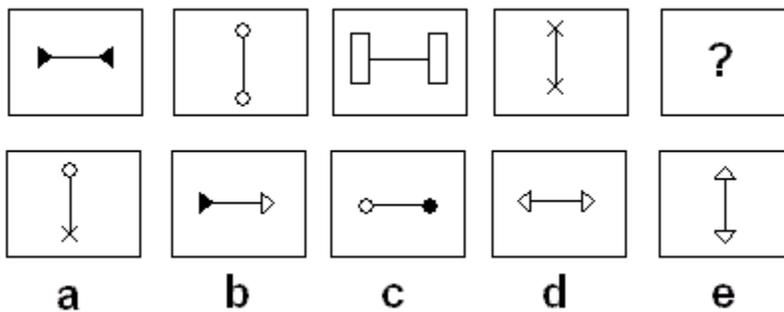
A   B   C   D

( ) A. A
( ) B. B
( ) C. C
( ) D. D

Explanation: The lowest objects are always identical. Therefore the lowest object has to be a large square. One of the objects is always hollow, the other one is not.

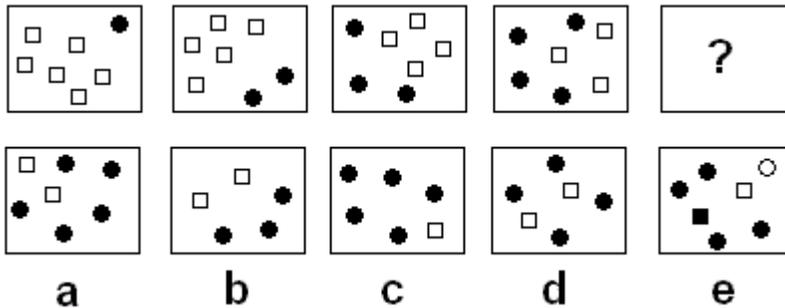**2**

Please find the figure continuing the series:

a   b   c   d   e

( ) A. a
( ) B. b
( ) C. c
( ) D. d
( ) E. e

Explanation: The objects alternate between being in the horizontal and the vertical position. Both ends are always equal.
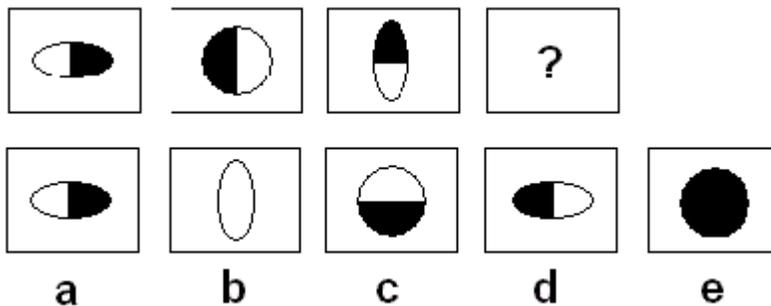
3

Please find the figure continuing the series:

( )A. a
( )B. b
( )C. c
( )D. d
( )E. e

Explanation: The current picture always shows one square less than the previous picture. The current picture always shows one more circle than the previous picture.

4

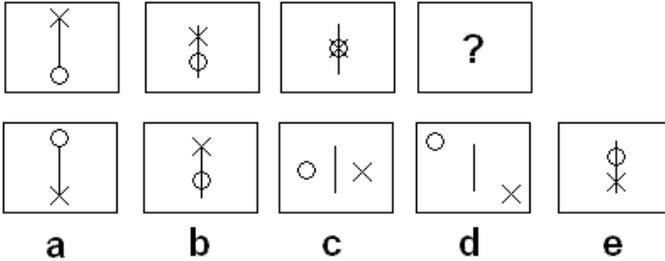Please find the figure continuing the series:

( )A. a
( )B. b
( )C. c
( )D. d
( )E. e

Explanation: First an ellipse, then a circle, then another ellipse - we are therefore dealing with a circle. As each figure is only half solid the answer must be c.

5

Please find the figure continuing the series:

( ) A. a
( ) B. b
( ) C. c
( ) D. d
( ) E. e

Explanation: The small figures are shifted upwards or downwards.

6

Read the following information and answer the questions given below it:

There are five friends Sachin, Kunal, Mohit, Anuj and Rohan. Sachin ia shorter than Kunal but taller than Rohan. Mohit is tallest. Anuj is a little shorter than Kunal an little taller than Sachin.

Who is the shortest?
( ) A. Rohan
( ) B. Sachin
( ) C. Anuj
( ) D. Kunal
( ) E. None of these

Explanation: Let us denote the five boys by the first letter of their names,namely S, K, M, A and R.

Then , R < S < K < M and S < A < K < R < S < A < K < M

Rohan is shortest

7

If they stand in the order of their heights, who will be in the middle?
( ) A. Kunal
( ) B. Rohan
( ) C. Sachin
( ) D. Anuj
( ) E. None of these

Explanation: Let us denote the five boys by the first letter of their names,namely S, K, M, A and R.
Then , R < S < K < M and S < A < K<R < S < A < K < M
Anuj is in the middle

8

If they stand in the order of increasing heights who will be the second?

( ) A. Anuj
( ) B. Sachin
( ) C. Rohan
( ) D. Kunal
( ) E. None of these

Explanation: Let us denote the five boys by the first letter of their names,namely S, K, M, A and R.
Then , R < S < K < M and S < A < K<R < S < A < K < M
In the order of increasing heights i,e shortest to tallest, Sachin is second

9

Who is the second tallest?

( ) A. Sachin
( ) B. Kunal
( ) C. Anuj
( ) D. Rohan
( ) E. None of these

Explanation: Let us denote the five boys by the first letter of their names,namely S, K, M, A and R.
Then , R < S < K < M and S < A < K< R < S < A < K < M
Kunal is second tallest.

10

Who is taller than Anuj but shorter than Mohit?

( ) A. Kunal
( ) B. Rohan
( ) C. Sachin
( ) D. Date Inadequate
( ) E. None

Explanation: Let us denote the five boys by the first letter of their names,namely S, K, M, A and R.
Then , R < S < K < M and S < A < K< R < S < A < K < M
Kunal is taller than Anuj but shorter than Mohit.

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 sonly (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.

Statements: Some actors are singers. All the singers are dancers.

Conclusions:

1. Some actors are dancers.

2. No singer is actor

( ) A. Only (1) conclusion follows
( ) B. Only (2) conclusion follows
( ) C. Either (1) or (2) follows
( ) D. Neither (1) nor (2) follows
( ) E. Both (1) and (2) follow

Explanation: Only (1) follows.

12

Statements: All the harmoniums are instruments. All the instruments are flutes.

Conclusions:

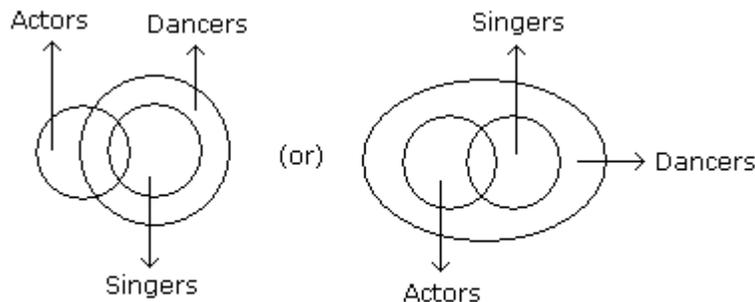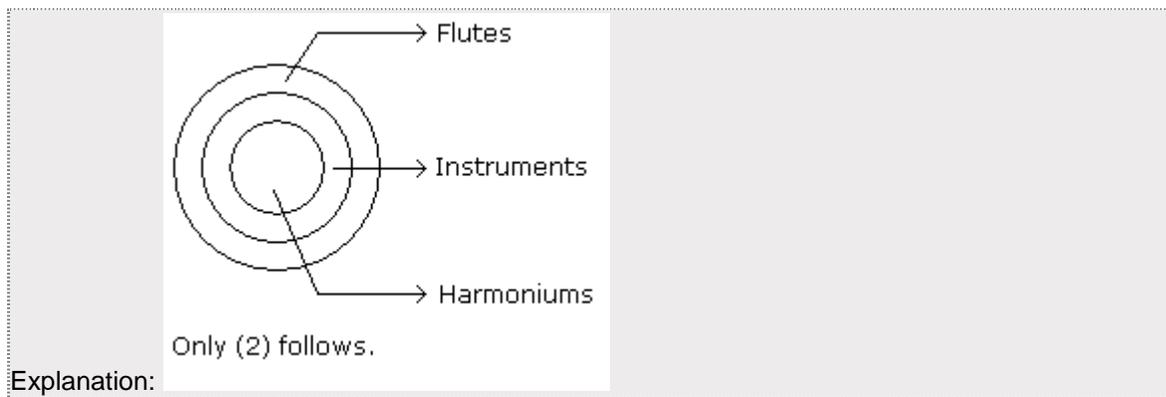1.   All the flutes are instruments.

2. All the harmoniums are flutes.

( ) A. Only (1) conclusion follows
( ) B. Only (2) conclusion follows
( ) C. Either (1) or (2) follows
( ) D. Neither (1) nor (2) follows
( ) E. Both (1) and (2) follow

Only (2) follows.

Explanation:

13

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

Conclusions:

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
( ) E. Both (1) and (2) follow

Explanation: Only (2) follows.

14

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
( ) E. Both (1) and (2) follow

None of the two follows.

Explanation:

15

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
( ) E. Both (1) and (2) follow

Explanation: Only (2) follow.

16

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answ

Arrange the words given below in a meaningful sequence.

1. Key   2. Door   3. Lock

4. Room 5. Switch on

( ) A. 5, 1, 2, 4, 3
( ) B. 4, 2, 1, 5, 3
( ) C. 1, 3, 2, 4, 5
( ) D. 1, 2, 3, 5, 4

Explanation: The correct order is :

Key Lock Door Room Switch on

1   3   2   4   5

17

Arrange the words given below in a meaningful sequence.

1. Word 2. Paragraph3. Sentence

4. Letters5. Phrase

( )A. 4, 1, 5, 2, 3
( )B. 4, 1, 3, 5, 2
( )C. 4, 2, 5, 1, 3
( )D. 4, 1, 5, 3, 2

Explanation: The correct order is :

Letters WordPhraseSentenceParagraph

4   1   5   3   2

18

Arrange the words given below in a meaningful sequence.

1. Police2. Punishment3 . Crime

4. Judge 5. Judgement

( )A. 3, 1, 2, 4, 5
( )B. 1, 2, 4, 3, 5
( )C. 5, 4, 3, 2, 1
( )D. 3, 1, 4, 5, 2

Explanation: The correct order is :

Crime Police   Judge JudgementPunishment

3   1   4   5   2

19

Arrange the words given below in a meaningful sequence.

1. Family 2. Community3. Member

4. Locality5. Country

( ) A. 3, 1, 2, 4, 5
( ) B. 3, 1, 2, 5, 4
( ) C. 3, 1, 4, 2, 5
( ) D. 3, 1, 4, 5, 2

Explanation: The correct order is :

MemberFamilyCommunityLocalityCountry

3   1   2   4   5

20

Arrange the words given below in a meaningful sequence.

1. Poverty   2. Population3. Death

4. Unemployment5. Disease

( ) A. 2, 3, 4, 5, 1
( ) B. 3, 4, 2, 5, 1
( ) C. 2, 4, 1, 5, 3
( ) D. 1, 2, 3, 4, 5

Explanation: The correct order is :

Population UnemploymentPovertyDiseaseDeath

2   4   1   5   3

21
If a real estate agent received a commission of 6 percent of the selling price of a certain house,
what was the selling price of the house?
(1) The selling price minus the real estate agent's commission was $84,600.
(2) The selling price was 250 percent of the original purchase price of $36,000.

( ) 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
( ) C.EACH statement ALONE is sufficient
( ) D.Statements (1) and (2) TOGETHER are NOT sufficient

Explanation: From (1) it follows that $84,600 is 94% (100% - 6%) of the selling price, and thus the b
selling price, $84,600 / 0.94, can be determined. Therefore (1) alone is sufficient. From (2) it follows that

the selling price is 2.5($36,000). Thus, (2) alone is sufficient.The best answer is the fourth choice

22

John and David each received a salary increase. Which one received the greater dollar increase?
(1) John's salary increased 8 percent.
(2) David's 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.EACH statement ALONE is sufficient
( ) E.Statements (1) and (2) TOGETHER are NOT sufficient.

Explanation: In (1) there is no information about David's salary and in (2) there is no informationabout John's salary; thus neither statement alone is sufficient, and the answer must 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

Carlotta can drive from her home to her office by one of two possible routes. If she must Also return by one of these routes, what is the distance of the shorter route?

(1) When she drives from her home to her office by the shorter route and returns by the

longer route, she drives a total of 42 kilometers.

(2) When she drives both ways, from her home to her office and back, by the longer route,

she drives a total of 46 kilometers
( ) 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
( ) E.Statements (1) and (2) TOGETHER are NOT sufficient.

Explanation: Statement (1) alone is not sufficient because only the sum of the distances of the two routes is given and there are infinitely many pairs of numbers with a given sum.
From (2) the distance of the longer route can be found, but there is no information about the distance of the shorter route. Statement (2) alone is therefore not sufficient.
From (1) and (2) together, the distance of the shorter route can be determined (42 - 46/2),

and the third choice is the best.

24

The symbol ∇ represents one of the following operations: addition, subtraction,

multiplication, or division. What is the value of 3 ∇ 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.
( ) E.Statements (1) and (2) TOGETHER are NOT sufficient.

Explanation: Since 0 + 1 = 1, 0 - 1 = -1, 0 × 1 = 0, and 0 ÷ 1 = 0, it follows from (1) that ∇ represents

addition, so the value of 3 ∇ 2 can be determined. Hence, (1) alone is sufficient.

Since 1 + 0 = 1, 1 - 0 = 1, 1 × 0 = 0, and 1 ÷ 0 is undefined, it follows from (2) that ∇

could represent either addition or subtraction, so that 3 ∇ 2 could equal 5 or 1. Thus, (2)

alone is not sufficient.

The best answer is the first choice

25

Is the prime number p equal to 37?

(1) $p = n^{(2 + 1)}$, where n is an integer.

(2) p^2 is greater than 200
( ) 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.

( )E.Statements (1) and (2) TOGETHER are NOT sufficient.

Explanation: In (1) the expression $n^{(2+1)}$ can represent a prime number less than 37, equal to 37, or

greater than 37, depending on the value of n. For example if $n = 4$, then $4^2 + 1 = 17$; if $n =$

6, then $6^2 + 1 = 37$; and if $n = 10$, then $10^2 + 1 = 101$; and 17, 37 and 101 are all prime

numbers. Thus (1) alone is not sufficient.

Since $14^2 = 196$ and $15^2 = 225$, it follows from (2) that $p > 14$, so that p might or might

not equal 37. Thus (2) alone is not sufficient.

The values of p for $n = 4$ and $n = 6$ given above show that (1) and (2) together are not

sufficient, and the last choice is the best answer.

26

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

27

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

28

In a certain code MAHESH is written as NCIGTJ. In that code NEELAM will be written as:

( ) A. OGGNCO
( ) B. OGFNBN
( ) C. OGFNBO
( ) D. OGHBNO

29

If CONDEMN is coded as CNODMEN. then TEACHER will be coded as:

( ) A. TAECHER
( ) B. TAEECHR
( ) C. TCAEEHR
( ) D. TAECEHR

30

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

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

31

I. READ THE FOLLOWING PASSAGE AND GIVE THE ANSWER FOR THE GIVEN QUESTION

he object underlying the rules of natural justice "is to prevent miscarriage of justice" ans secure "fair play in action" As pointed out earlier the requirement about recording of reasons for its decision by an administrative authority exercising quasi-judicial functions achieves his object by excluding changes of arbitrariness and ensuring a degree of fairness in the process of decision making. Keeping in view the expanding horizon of the principle of natural justice which govern exercise of power by administrative authorities. The rules of natural justice are not embodied rules. The extent of their application depends upon the particularly statutory framework where under jurisdication has been conferred on the administrative authority. with regard to the exercise of particular power by an administrative authority including exercise of judicial or quasi-judicial functions the legislature, while conferring the said power, may feel that it would not be in the larger public interest that the reasons for the order passed by the administrative authority be recorded in the order and be communicated to the aggrieved party and it may dispense with such a requirement.

The rules of the natural justice are not embodies rules" means that these rules

( ) A. are left deliberately vague
( ) B. cannot be satisfactorily interpreted
( ) C. are flexible
( ) D. cannot be visualised

32

From the passage it is clear that it is the legislature that
( ) A. invests the administrative authority with enormous powers
( ) B. embodies rules
( ) C. has the larger interests of public welfare
( ) D. leaves administrative authority enough discretion to interpret rules

33

According to the passage, there is always a gap between
( ) A. rules of natural justice and their application
( ) B. conception of a rule and its concretisation
( ) C. demand for natural justice and its realisation
( ) D. intention and execution

34

"To dispense with a requirement" means

( )A. to do without the demand
( )B. to drop the charge
( )C. to cancel all formal procedure
( )D. to alter the provisions of the case

35

According to the passage, natural justice can be brought about by

( )A. administrative authority remaining vigilant
( )B. administrative authority upholding rules of natural justice
( )C. administrative authority farming rules suitably
( )D. administrative authority observing the rules of fair play

36

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

37

A man with moral courage can

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

38

People with physical courage of ten lack

( )A. mental balance

( ) B. capacity for reasoning
( ) C. emotional stability
( ) D. will to fight

39

All virtues become meaningful because of

( ) A. faith
( ) B. charity
( ) C. courage
( ) D. hope

40

I don't like when she tells me that I have to study.

( ) A. Correct
( ) B. Incorrect

Explanation: I don't like it when she tells me that I have to study

41

Parachute is a dangerous sport

( ) A. Correct
( ) B. Incorrect

Explanation: Parachuting is a dangerous sport

42

He studies here on this table.

( ) A. Correct
( ) B. Incorrect

Explanation:
He studies here at this table.

43

It's essential that he participates in the show.

( ) A. Correct
( ) B. Incorrect

Explanation:

It's essential that he participate in the show

44

She's used to running in the park after 6 p.m.

( ) A. Correct

( ) B. Incorrect

45

We can't afford to pay such high rents.

( ) A. Correct

( ) B. Incorrect

46

This guide gives useful informations about the city

( ) A. Correct

( ) B. Incorrect

Explanation: This guide gives useful information about the city.

47

She glanced at the handsome man seated next to her.

( ) A. Correct

( ) B. Incorrect

48

The law states that smoking is forbidden in most public areas

( ) A. Correct

( ) B. Incorrect

49

Thanks God I didn't do it.

( ) A. Correct

( ) B. Incorrect

Explanation: Thank God I didn't do it.

50

IV. Arrange the sentence into correct order (RC-1) 1). a). DIRECTIONS for Sentence Correction questions: This ques
which or all of which is underlined b). The first of these repeat the original; the other four are different. If you think the
answer;otherwise choose one of the others. c). Beneath the sentence you will find five ways of phrasing the underlin
correctness and effectiveness of expression.

( ) A) abcd

( ) B) acdb

( ) C) acbd

( ) D) adcb

51

a) One example of this trend is Baltimore's Harbor place, a stunning waterfront complex of one
hundred shops set in glass pavilions.
b) For years now, critics of United States cities have pictured city centers as empty places, devoid of
life.
c) Fortunately, a recent trend in urban development is making some cities lively.
d) Not long ago, Baltimore's dockland 5 area, like clock areas in other older cities, was a collection of
abandoned warehouses.

( ) A) bcad

( ) B) bacd

( ) C) bcda

( ) D) dacb

52

a)   With the development of modern theoretical astrophysics, astronomers are able to explain
data collected by early observers and to amass data about previously unknown phenomena in
extragalactic optical astronomy.

b)   In certain cases it is possible, by 5 application of known physical laws, to make theoretical
predictions that are subject to observational tests.

c)   Despite our lack of understanding of these new phenomena, the data is being used for a
variety of purposes.

d)   The prediction of neutron stars is a classic example of the use of this type of theory for
purposes of prediction.

( ) A) adcb

( ) B) acbd

( ) C) bcad

( ) D) abcd

53

a: Differences remained - in appearence, mannerisms, customs, speech, religion and more.

b: The term has long been a cliche and half-truth.

c: But homogenisation was never acheived.

d: Yes, immigrants from diverse cultures and traditions did cast off vestiges of their native lands and become almost imperceptibly woven in to the American fabric.

( ) A) adcb
( ) B) adbc
( ) C) dacb
( ) D) dbca

54

a : During a period of drought, streams and rivers dried up, the cattle died from thirst and were ruined.

b : Many different things affect the weather and we have to study them carefully to make accurate forecast.

c: Ancient Egyptians had no need of weather in the Nile Valley hardly ever changes.

d : In early times, when there were no instruments, such as thermometer or the barometer, man looked for tell-tale signs in the sky

( ) A) abdc
( ) B) acbd
( ) C) bacd
( ) D) bcsd

55

She sent to her teacher a beautiful Christmas card.

( ) A. Correct
( ) B. Incorrect

Explanation: She sent her teacher a beautiful Christmas card