

Sample BOB Tech Solutions Reasoning Question Paper

1. Pointing to a woman, Naman said " She is the daughter of the only child of my grand mother,"How is the woman related to Naman?

- A. Sister
- B. Niece
- C. Cousin
- D. None of these

Answer: Option A

Solution:

Only child of naman's grand mother _naman's Father/Mother
daughter of Naman's grand other –Naman's sister.

2. 1. District 2. Village 3. State 4. Town

- A. 2,1,4,3
- B. 2,3,4,1
- C. 2,4,1,3
- D. 3,2,1,4

Answer: Option C

3. Consider that

- (I) A is taller than B
- (II) C is taller than A
- (III) D is taller than C
- (IV) E is tallest of all

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If they are made to sit in the above order of their height then who will occupy the mid position?

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

Answer: Option C

Solution:

As per the given information, the five persons seated in decreasing order of their heights are as shown below

E D C A B

E is tallest

B is smallest

C is mid position

Clearly, C will occupy the mid position.

4. Statement:

Efforts to develop technologies more appropriate to the needs of the poorest sections of society need to be further intensified.

Assumptions:

I. Nothing is impossible if proper efforts are made.

II. Technology needs are different for different sections of society.

III. It is possible to develop appropriate technologies for various economic sections of the society.

- A. Only I
- B. Only III
- C. Only II

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- D. Both II and III
- E. None of these

Answer: Option D

Solution:

The term 'nothing' has a broad range of connotations. Hence I is not implicit. Since the speaker is talking of sectional need based technology development, he is assuming both II and III.

5. A few states in this country are considering legislation that would prohibit schools from using calculators before the sixth grade. Other states take a different position. Some states are insisting on the purchase of graphing calculators for every student in middle school. This paragraph best supports the statement that in this country

- A. there are at least two opinions about the use of calculators in schools.
- B. calculators are frequently a detriment to learning math.
- C. state legislators are more involved in education than ever before.
- D. the price of graphing calculators is less when schools buy in bulk.
- E. the argument against calculators in schools is unfounded.

Answer: Option A

Solution:

The paragraph clearly states that there are two differing opinions with regard to the use of calculators in the classroom. Although some people may believe that choice b is true, the paragraph does not indicate this. Choice c has no relation to the paragraph. Choice

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d makes logical sense, but the paragraph says nothing about cost. Choice e is an opinion that is not given in the paragraph.

6. In a shop there were 4 dolls of different heights A, B, C and D. D is neither as tall as A nor as short as C. B is shorter than D, but taller than C. If main wants to purchase the tallest doll. Which one should she purchase?

- A. Only A
- B. Only D
- C. Either A or D
- D. Either B or D

Answer: Option A

Solution:

D is not as tall as A \Rightarrow D is shorter than

D is not as short as C \Rightarrow D is taller than

B is shorter than D but taller than

Thus we have: So A is Tallest.

7. Assertion:

Mr. P got Nobel Prize for Peace last year.

RI. Throughout his life, Mr. P worked for the welfare of the poor and upliftment of down-trodden without any selfish motives.

RII. Mr. P wrote many books on peace.

- A. Only RI and not RII is the reason for the assertion.
- B. only RII and not RI is the reason for the assertion.
- C. either RI or RII, but not both, is the reason for the assertion.
- D. neither RI nor RII is the reason for the assertion.

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E. both RI and RII are the reason for the assertion.

Answer: Option A

Solution:

In the given assertion it is given that Mr. P, got Nobel Prize for Peace last year which can be for his work among the poor. Hence RI can be a reason while RII is not a valid reason.

8. Read the passage and answer the following questions:

In India the asbestos industry is growing and employs more than 15,000 people in 75 units which are spread over several states like Gujarat, Madhya Pradesh, Maharashtra, Andhra Pradesh etc. Surprisingly, advanced countries are banning cancer causing asbestos products, but multinational companies are from those countries which are setting up units in developing countries like India. One reason is lack of awareness in the society and indifference of the government machinery of these countries. Prolonged exposure to asbestos dust and fibres can cause lung cancer but most workers in India are too afraid to protest for fear of losing jobs. Some of these factories are operating in Mumbai. Quite a few factories in India are not known to take adequate precautions to protect workers from asbestos dust. The government is taking several steps to provide medical inspection of workers. In fact it has amended factories act to extend the provision to even those factories employing less than 10 workers.

The advanced countries are concerned and careful to protect health hazards of their people.

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- A. If the inference is definitely true
- B. If the inference is probably true
- C. If the data are inadequate
- D. If the inference is probably false
- E. If the inference is definitely false

Answer: Option A

Solution:

It can be inferred from the second line of the passage.

9. A hill always has

- A. Trees
- B. Animals
- C. Water
- D. Height

Answer: Option D

10. What is the difference between the average domestic consumption and the average exports during the given years?

- A. 2,000 tonnes
- B. 3,000 tonnes
- C. 2,500 tonnes
- D. 4,500 tonnes
- E. None of these

Answer: Option C

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Solution:

Required difference = $(147.5 - 130)/7 = 17.5/7 * 1000 = 2,500$ tonnes.

11. 44 41 38 35 32 29 26

- A. 24 21
- B. 22 19
- C. 23 19
- D. 29 32
- E. 23 20

Answer: Option E

Solution:

This is a simple subtraction series, in which 3 is subtracted from each number to arrive at the next.

12. election

- A. president
- B. voter
- C. November
- D. nation

Answer: Option B

Solution:

An election does not exist without voters. The election of a president (choice a) is a byproduct. Not all elections are held in November (choice c), nor are they nationwide (choice d).

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13. saddle

- A. horse
- B. seat
- C. stirrups
- D. horn

Answer: Option B

Solution:

A saddle is something one uses to sit on an animal, so it must have a seat (choice b). A saddle is often used on a horse (choice a), but it may be used on other animals. Stirrups (choice c) are often found on a saddle but may not be used. A horn (choice d) is found on Western saddles, but not English saddles, so it is not the essential element here.

14. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- A. Lion
- B. Tiger
- C. Hyena
- D. Elephant
- E. Wolf

Answer: Option D

Solution:

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Except elephant all other animals are carnivorous elephant is herbivorous.

15. In a certain code BEG =14 and GOD= 26, then LBELLI will be equal to

- A. 29
- B. 30
- C. 31
- D. 32

Answer: Option C