Ministry of Education, Youth and Information

Primary Exit Profile (PEP 6)

February 2022

Ability Test

Time: 1 hour 15 minutes

Write your name and school below:

Name of Student

Name of School

DO NOT OPEN THIS BOOKLET UNTIL TOLD TO DO SO

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MOEYI/SAU/D Form 1110-202206-VII

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General Instructions:

There are 40 items on this test. Each has only one (1) correct answer. Read each item carefully. Then shade the corresponding letter of the answer you have chosen.

For items 1 to 3, select the word that best completes each statement.

1. Curry is to goat as jerk is to _____.

   (A) meat

   (B) barbecue

   (C) chicken

   (D) seasoning

2. Stadium is to athletes as playground is to _____.

   (A) slides

   (B) adults

   (C) grass

   (D) children

3. Reading is to words as mathematics is to _____.

   (A) fingers

   (B) numbers

   (C) subtraction

   (D) total

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In items 4 and 5, which word does NOT belong in the group?

4. (A) gram
   (B) litre
   (C) metre
   (D) pound

5. (A) pot
   (B) onion
   (C) salt
   (D) pepper

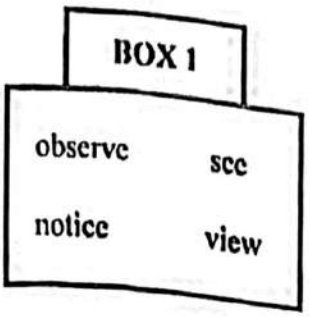
For items 6 and 7, select the most appropriate words to correctly complete each sentence.

6. The library book was _____ due so I was _____ to pay a fine upon returning it.
   (A) pass; suppose
   (B) pass; supposed
   (C) past; suppose
   (D) past; supposed

7. The team was not prepared to play in rainy _____. This caused them to _____ the game.
   (A) weather; loose
   (B) whether; loose
   (C) weather; lose
   (D) whether; lose

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For items 8 and 9, each box has words which are *alike* in some way.



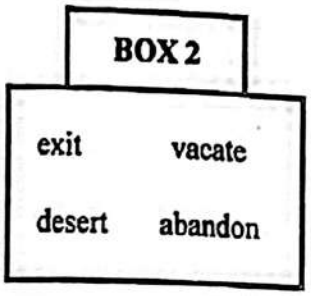
8. Which of the following could **NOT** be in box 1?

(A) unaware

(B) detect

(C) recognize

(D) watch



9. Which of the following could **NOT** be in box 2?

(A) depart

(B) quit

(C) accept

(D) leave

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Read the passage below carefully, then use it to answer item 10.

> Sherine lives 12 miles from her school. Her friend Pia lives 4 miles farther from school than Sherine, in the same direction. Jaydon lives 16 miles farther than Pia but farther than Trent who lives between Pia and Sherine. Justin lives the farthest of all the students.

10. If all the students, except Sherine, left school on the same bus to get home, who would be the second person to get home?

   (A) Justin

   (B) Pia

   (C) Trent

   (D) Jaydon

For items 11 to 13, circle the option that is a NECESSARY component of the word in bold type.

11. **Computer**

   (A) camera

   (B) printer

   (C) keyboard

   (D) headphones

12. **Kitchen**

   (A) kettle

   (B) stove

   (C) cupboard

   (D) bread

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13. Beach

(A) boats

(B) sand

(C) lifeguard

(D) tourists

For items 14 and 15, select the word that comes next in the sequence.

14.

internal, external; instant, delayed; constant, _____

(A) occasional

(B) stable

(C) unmarked

(D) consonant

15.

advise, advice; perform, performance; argue, argument; invite, _____

(A) invited

(B) inviting

(C) invitation

(D) invitational

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Read the passage below carefully, then use it to answer items 16 to 19.

...So, Do We Still Need Radio?



Since as early as 1950, Jamaicans have relied on radio to keep them up to date with what is happening in their communities, the wider island, in the Caribbean as well as internationally. At one point, radio provided the entertainment, educational programmes, news, and talk shows that people listened to. Information presented in the news at that time was almost entirely accurate.

In 2022, radio still provides all that it used to. However, social media platforms such as YouTube, WhatsApp, TikTok, Instagram, and streaming services like Netflix, Hulu, Prime Video and 1SpotMedia now account for most of the entertainment being consumed by many Jamaicans, especially young people. Also, many persons have smartphones equipped with cameras. So, when something happens and is captured on video, that story may have already made the rounds by the time the news is read at 5:00 p.m. Information shared on social media may be more immediate than waiting for the news on the radio. However, one should not be too quick to believe news heard via social media.

Source: SAU

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16. Which paragraph(s) **BEST** supports the conclusion in the box?

Radio may be losing some of the popularity it once had.

(A) paragraph 1

(B) paragraph 2

(C) both paragraphs

(D) neither paragraph

17. Which source is **most likely** to have error-free news?

(A) YouTube

(B) WhatsApp

(C) TikTok

(D) Radio

18. What is being suggested by "<u>that story may have already made the rounds</u>"?

(A) Many persons may have seen the incident before it was on the news.

(B) Only a few persons may have commented on the incident.

(C) The incident was only carried on the radio news.

(D) The incident was not viewed by many persons.

19. Which would be the **most accurate** conclusion to draw after reading the passage?

(A) Netflix is the most popular streaming service.

(B) Jamaica is the first Caribbean country to have access to radio.

(C) Many persons buy smartphones because they have high quality cameras.

(D) The need to stay informed and be entertained has not changed over time.

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Read the paragraph below carefully, then use it to answer item 20.

David lives in May Pen, Clarendon. He will be fifteen years old in April this year. Helping out at home makes him feel good about himself. His mother, Mrs Robinson works at a computer store in Kingston. She is one of the cashiers there. Saturday is a very busy day for Mrs Robinson at work. So, she usually gets home very late. David makes dinner for the family on Saturdays. His cooking skills are getting better each week.

20. Which **LEAST** explains why David cooks dinner on Saturdays?

(A) David's mother is a cashier at a computer store.

(B) Mrs Robinson works at a computer store in Kingston.

(C) David's mother gets home very late on Saturdays.

(D) Mrs Robinson is usually very busy on Saturdays.

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Examine the pattern below. Use it to answer item 21.



21. Which number correctly replaces the ☆ ?

(A) 3

(B) 4

(C) 7

(D) 9

Examine the pattern below. Use it to answer item 22.



22. Which shape will come next in the pattern?

(A) 

(B) 

(C) 

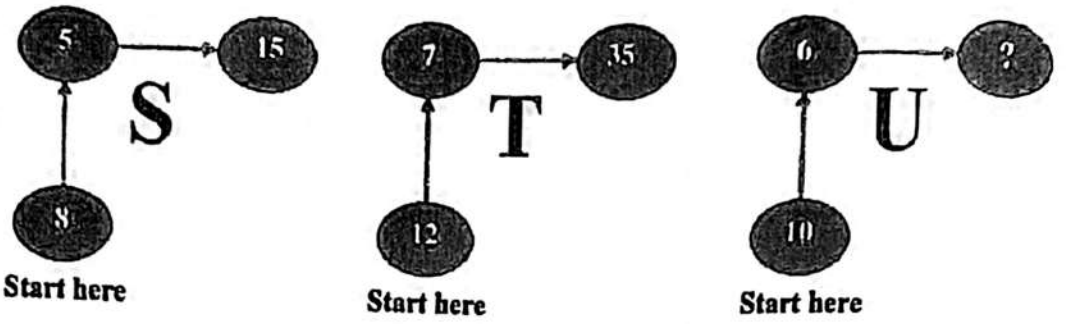
(D) 

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Examine the three diagrams below labelled, 'S', 'T' and 'U'. A relationship exists between the three numbers in diagram S. The same operations used in the relationship between the numbers in diagram S are also used in the relationship between the numbers in diagram T. Use the same operations to complete diagram U, and answer item 23.



23. Which number correctly replaces the ? in diagram U?

(A) 18

(B) 24

(C) 30

(D) 42

A number is given in the box below. Use it to answer item 24.

99

24. A number with the digit nine is added to the number in the box to make it 1000. What is the place value of the digit nine in the number that is added?

(A) ones

(B) tens

(C) hundreds

(D) thousands

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Examine the number line below. The point (•) on the number line represents $\frac{3}{4}$. Use it to answer item 25.



25. Which fraction should be in the ☐?

(A) $\frac{4}{3}$

(B) $\frac{4}{4}$

(C) $\frac{1}{4}$

(D) $\frac{1}{2}$

Mark thought of a number and performed the steps below. Use the steps that Mark performed to answer item 26.

Step One:	**Multiply the number he thought of by 2**
Step Two:	**Add 10 to the result of Step One**
Step Three:	**Divide the result of Step Two by 2**
Step Four:	**Subtract 4 from the result of Step Three**

26. After following the steps, Mark ended up with 5. What was the number he thought of?

(A) 2

(B) 4

(C) 5

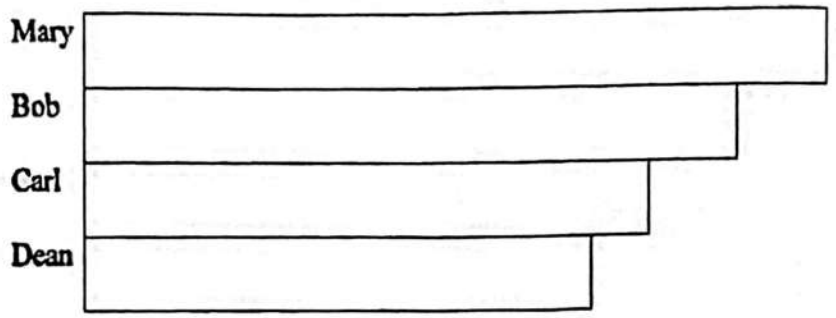
(D) 6

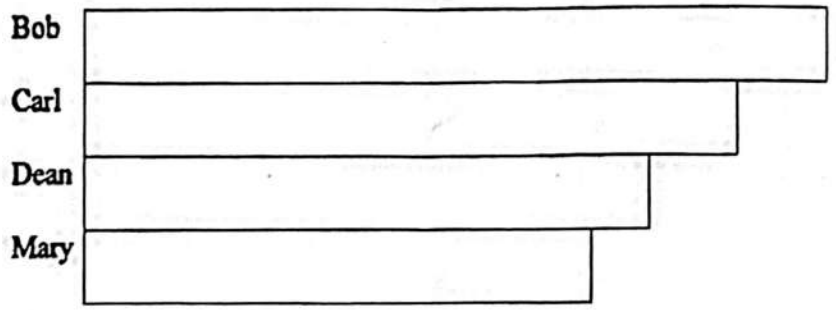
Four siblings (Carl, Bob, Dean and Mary) are to be arranged in order of the oldest to the youngest. Use this information and the clues given below to answer item 27.

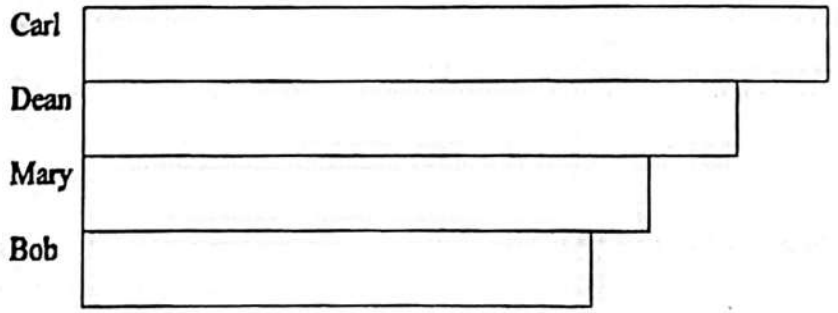
Clues:

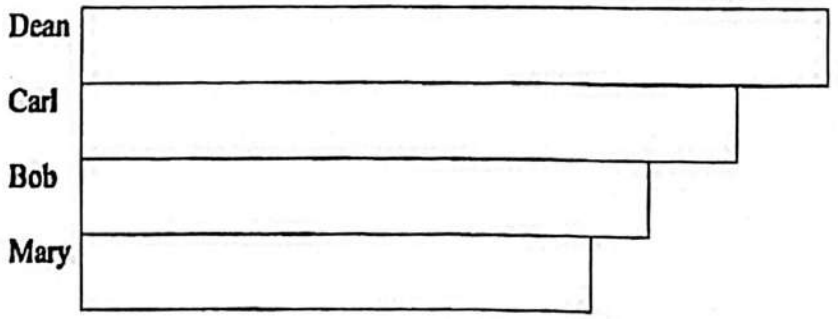
- Carl is neither the youngest nor the oldest.
- Bob is older than Dean, but younger than Mary.

27. Which diagram represents the ages of the four siblings from oldest to youngest?

Ⓐ


Ⓑ


Ⓒ


Ⓓ


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28. If ■ represents ▲▲ , then ▲▲▲▲ is represented by ____.

Ⓐ ▲

Ⓑ ▲▲

Ⓒ ■

Ⓓ ■■

Adam and Jody are training for Sports Day. The tables below show the number of push-ups Adam and Jody completed. Use the information in the tables to answer item 29.

Adam	
Day	Number of Push-ups Completed
1	10
2	15
3	25
4	40
5	60

Jody	
Day	Number of Push-ups Completed
7	100

29. Adam uses a set pattern to complete his push-ups each day. If Adam continues this pattern to day 7, which statement below would be **TRUE** about the number of push-ups Adam completed on day 7?

Ⓐ The number of push-ups Adam completed on day 7 is greater than the number of push-ups Jody completed on day 7.

Ⓑ The number of push-ups Adam completed on day 7 is less than the number of push-ups Jody completed on day 7.

Ⓒ The number of push-ups Adam and Jody completed on day 7 is the same.

Ⓓ The number of push-ups Adam and Jody completed on day 7 cannot be determined from the information given.

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Four girls ran different legs on a winning 4 × 100 metres relay team. The time ran by each girl is shown in the table below. Use this information to answer item 30.

Girl	Times in seconds
Julie	12.41
Ann	11.32
Kayla	12.05
Tanisha	11.17

30. Which girl may have contributed **MOST** to the success of the team?

Ⓐ Tanisha

Ⓑ Kayla

Ⓒ Julie

Ⓓ Ann

The picture below shows different types of dogs. The dogs are arranged in ascending order based on their heights. The difference in height between each dog is about the same. Use this information to answer item 31.



31. If dog number **VI** is 55 cm tall and dog number **I** is 15 cm tall, which statement about dog number **III** could be true?

Dog number **III** is about _____ tall.

Ⓐ 17 cm

Ⓑ 35 cm

Ⓒ 45 cm

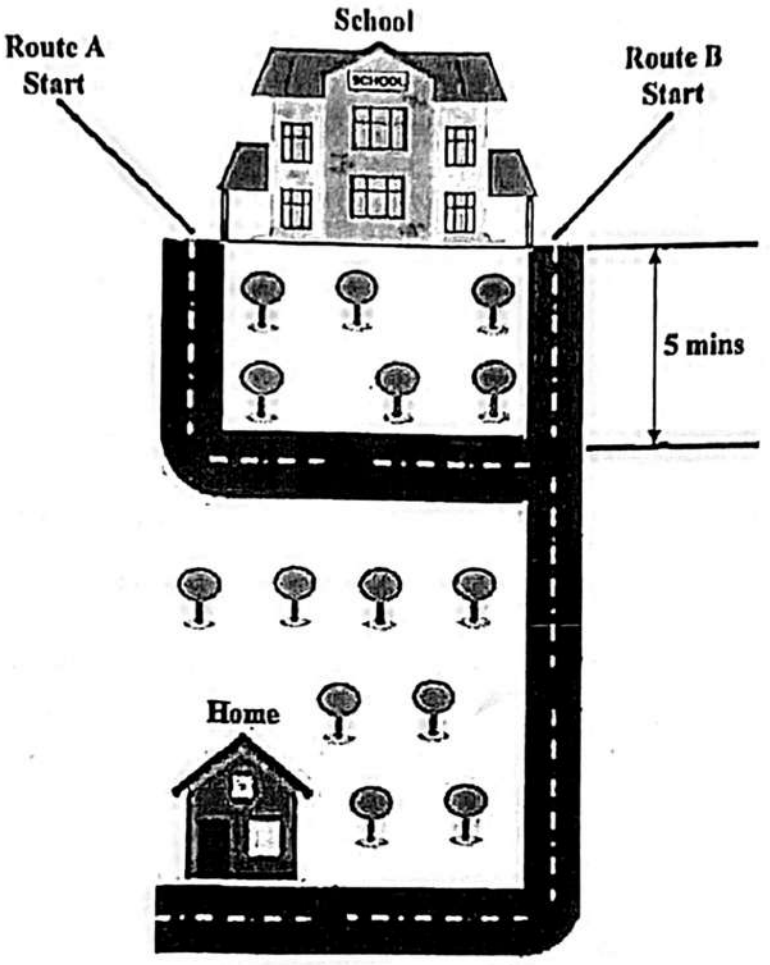
Ⓓ 52 cm

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The diagram below shows the community in which Paul lives. He can use two routes (Route A or Route B) to walk from school to home. He walks along the road to get home. Use this information to answer item 32.



32. Paul takes 35 minutes to walk from school to home using Route A. If he walks at the same speed, about how long will he take to walk from school to home, using Route B?

(A) 30 minutes

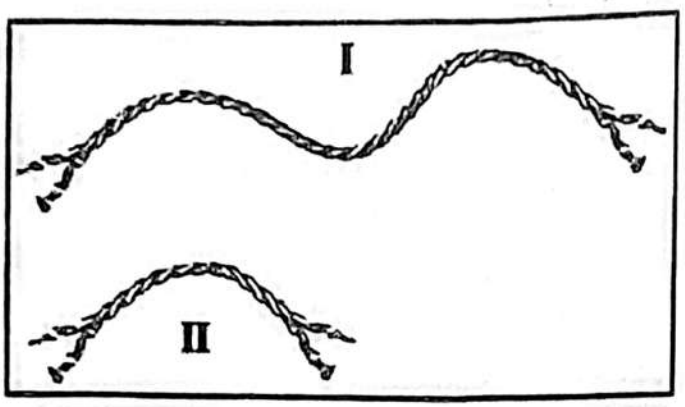
(B) 25 minutes

(C) 15 minutes

(D) 10 minutes

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The diagram below shows two pieces of string, labelled I and II. A student found that the length of his desk was 10 times the length of string I. Use this information to answer item 33.



33. About how many times longer would the student's desk be than string II?

(A) between 2 and 4 times longer

(B) between 4 and 6 times longer

(C) between 19 and 25 times longer

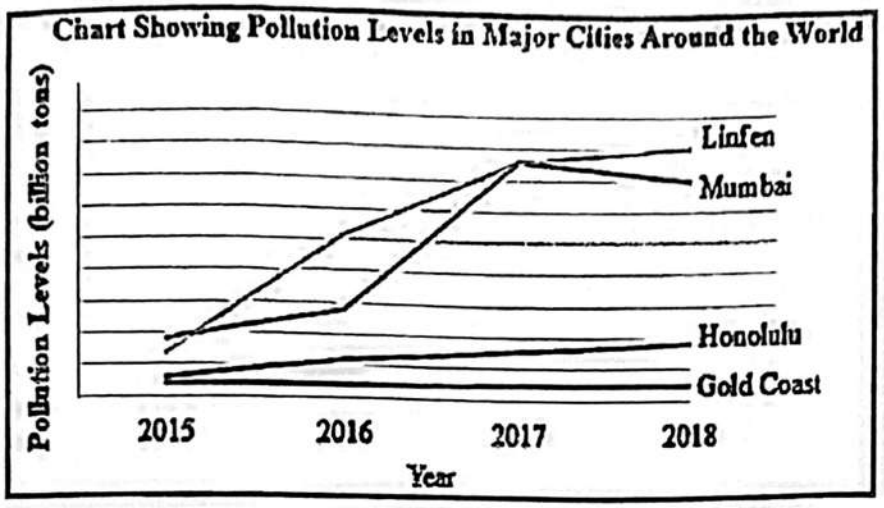
(D) between 25 and 30 times longer

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The chart below shows the pollution levels in some major cities around the world from 2015 to 2018. Use it to answer items 34 and 35.



34. Which country showed a decrease in pollution levels in 2018?

(A) Gold Coast

(B) Honolulu

(C) Linfen

(D) Mumbai

35. Which statement is **TRUE**?

(A) Linfen had the lowest pollution levels in 2015.

(B) Mumbai and Linfen had equal levels of pollution in 2017.

(C) Gold Coast produced no pollution over the 4 years.

(D) Honolulu's pollution levels went up and down each year.

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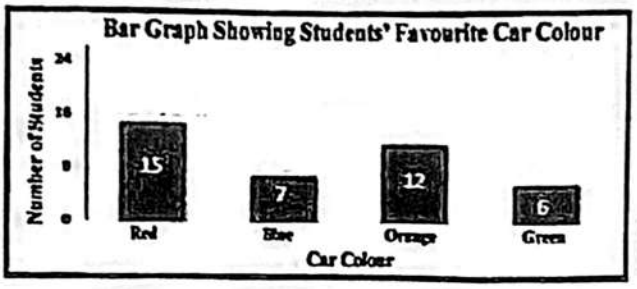
Use the information below to answer item 36.

Forty (40) students were asked about their favourite car colour.

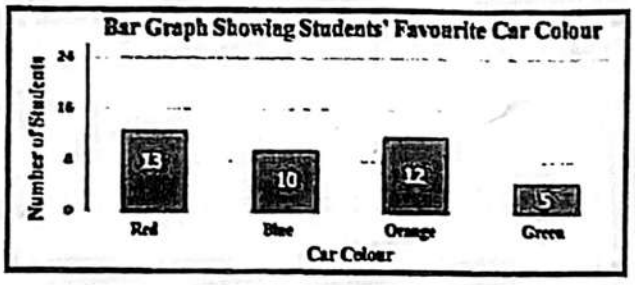
- **Red was the most popular car colour chosen**
- **Less than $\frac{1}{4}$ of the students chose blue cars**
- **Two times as many students chose green cars as orange cars**

36. Which bar graph represents the information collected from the students?

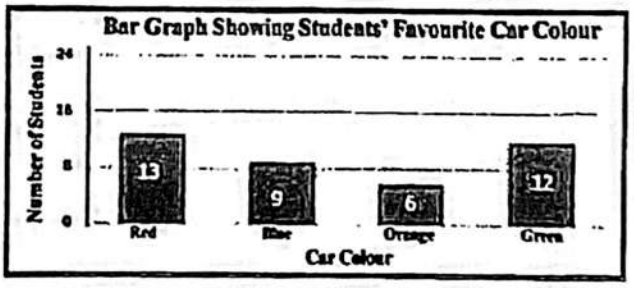
A



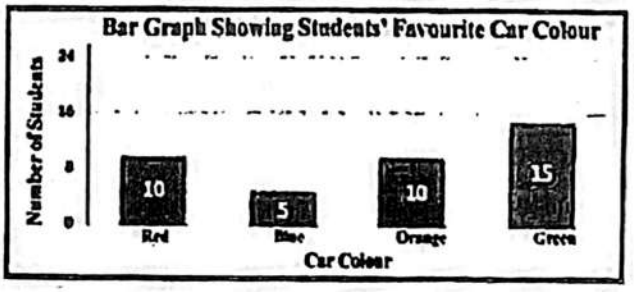
B



C



D

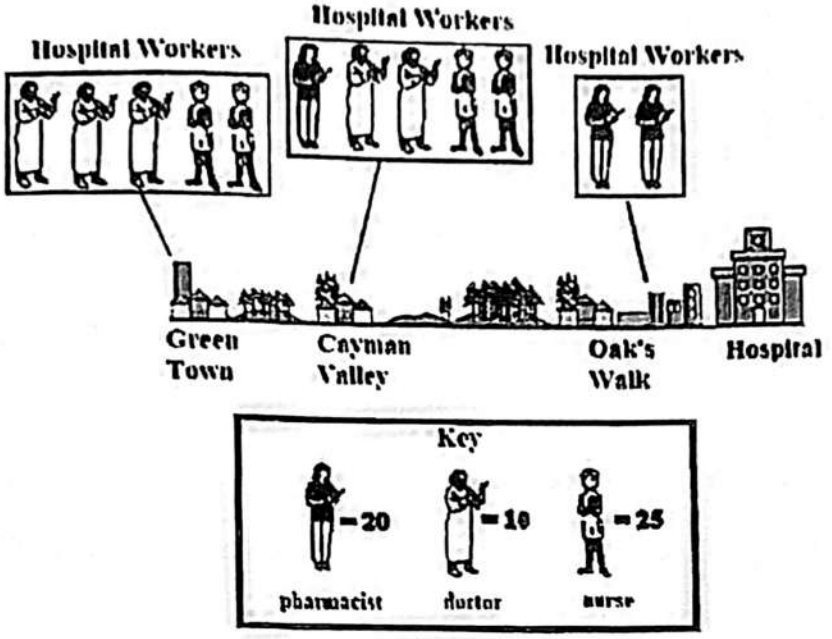


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The diagram below shows a hospital that is located close to three towns, as well as the number of hospital workers living in each town. Use the information shown in the diagram to answer item 37.



37. Which statement is **TRUE** about the information given in the diagram?

There are more _____.

(A) doctors living closer to the hospital than pharmacists

(B) doctors living in Green Town than nurses

(C) pharmacists living in Cayman Valley than doctors

(D) nurses living in Cayman Valley than doctors

38. One out of every ten students in a school takes lunch to school. If there are two hundred students in the school, how many of them do **NOT** take lunch to school?

(A) 9

(B) 20

(C) 180

(D) 190

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For item 39, there is a question followed by two statements. Read the statements carefully, and see if they provide enough information to help you answer the question.

39. Mrs. Baker arranged the books on her shelf in order from the least number of pages to the most number of pages. How many pages does the book in the middle have?

Statement I:	**The book in the middle of the shelf has three times the number of pages as the book with the least number of pages.**
Statement II:	**The book with the most number of pages is 704 pages long.**

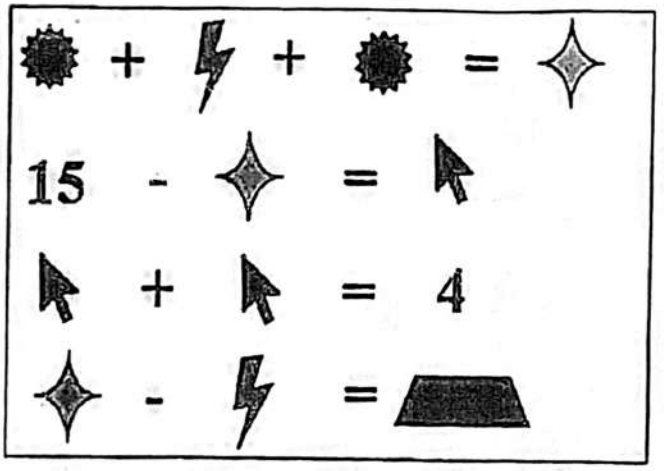
(A) Statement I alone is enough to answer the question.

(B) Statement II alone is enough to answer the question.

(C) Both statements together are enough to answer the question.

(D) Both statements together are **NOT** enough to answer the question.

Examine the mathematical sentence below. There are five shapes (, , , ,). Each shape represents its own unique number. Use the information to answer item 40.



40. Which of the following is **TRUE**?

(A) + =

(B) − =

(C) + =

(D) − =

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ANSWERS ABILITY TEST (2022)

1. C
2. D
3. B
4. D
5. A
6. D
7. C
8. A
9. C
10. B
11. C
12. B
13. B
14. A
15. C
16. C
17. D
18. A
19. D
20. A
21. D
22. D
23. B
24. C
25. B
26. B
27. A
28. D
29. A
30. A
31. B
32. B
33. C
34. D
35. B
36. C
37. D
38. C
39. D
40. A