ASSET
SAMPLE QUESTIONS

ENGLISH | SCIENCE | MATHS

ENGLISH

1. Which of the following is a meaningful sentence?
a. The balloon wants Rashi red and blue.
b. Rashi wants the balloon blue and red.
c. Rashi wants the blue and red balloon.
d. The blue and balloon red Rashi wants.

2. Which of the pairs has rhyming words?
a. train, hide
b. mice, stick
c. jewel, skip
d. blows, those

3. Which of these words has the same 'th' sound like 'together'?
a. earth
b. though
c. three
d. mouth

4. Which of the following words has the same sound as "hear"?
a. hair
b. hare
c. here
d. higher

5. Rearrange the following words to make a MEANINGFUL SENTENCE.
 at - she - cats - home - of - lots - has
a. Cats at home she has lots of.
b. She has lots of cats at home.
c. Home of cats she has lots at.
d. She has lots at home of cats.

6. If the following names are arranged in alphabetical (A-B-C) order, which name will come first?
a. Mahi
b. Zahi
c. Ruhi
d. Juhi

7. Which of these best completes the sentence below?

Gauri usually _____ fresh vegetables from the shop downstairs.
a. buy
b. buys
c. will buy
d. Is buying

8. In which of these sentences is the underlined word used correctly?
a. She <u>herd</u> the news from her neighbours.
b. The teacher wrote the questions on the <u>bored</u> .
c. They <u>road</u> the boat till the other side of the river.
d. The policeman <u>fined</u> me for not wearing the seat belt.

9. Radhika got _____ her car and drove away.
a. into
b. behind
c. over
d. around

10. Which of these is a complete sentence?
a. Alice said.
b. Taking care.
c. Drive carefully.
d. Digestive cookies.

11. The clown pulled silly faces to make the children laugh.The word 'silly' in this sentence means:
A: funny
B: bad
C: tricky
D: scary
E: None of these

12. Emily has three dogs and two cats. They are all brown, but one of the dogs has spots. His name is Spot.Which of the following is true?

A: Emily has three animals in total.
B: Emily has more cats than dogs.
C: One of Emily's cats is black.
D: All of Emily's dogs have spots.
E: None of these

13.The sentence below does not have any punctuation. Choose the option with the correct punctuation.

<div align="center">i am a good runner</div>

A: i am a good runner.
B: I am a good runner
C: Im a good runner.
D: I am a good runner.
E: None of these

14. <u>**Please read the following sentence**</u>.
Once Jane lifted her pen and made a start, writing the essay became easy.
If we change the start of the sentence to:
Writing the essay became easy........
What will the ending be?
A: After starting.
B: After lifting her pen.
C: Once Jane lifted her pen and made a start.
D: Once she lifted her pen and made a start.
E: None of these

15. Genealogy is fun. Just as a piece of furniture or a picture takes on much more interest if you know its history, so does an individual become more real once the ancestral elements that shaped him are known. An in-depth family history is a tapestry of all those to whom we owe our existence.
Which statement best conveys the theme of this paragraph?
A: Finding out about our ancestors is more interesting than researching the history of objects.
B: Genealogy is a study of people and their belongings in the past.
C: Genealogy is a study of family history.
D: Genealogical research can bring meaning and life to a family's history.
E: Most genealogies are a waste of effort.

16. Choose the option which will best replace the underlined words in the sentence to make it correct.
She <u>done it to quick</u>, so it came out looking rough.
A: done it too quickly
B: did it too quick
C: did it too quickly
D: did it to quickly
E: none of these

<u>**Read the following paragraph to answer the next two questions**</u> **(Questions 17&18).**
Tailgating another vehicle is unsafe and illegal. Many rear-end collisions are caused by drivers following too close to the vehicle in front of them. The rules state that a driver must keep sufficient distance from the vehicle in front in order to stop safely and avoid a collision. Drivers should allow a minimum two seconds' gap between their vehicle and the one ahead. At sixty kilometres an hour, this equates to thirty-three metres; at a hundred it equates to fifty-five metres. More distance is needed to safely stop in rain or poor visibility.

17. Tailgating another vehicle is unsafe because:
A: all rear end collisions are caused by drivers following too close to the vehicle in front.
B: it may not allow sufficient time and space to stop and avoid a collision.
C: it is against the road rules.
D: it is a reckless practice.
E: None of these.

18.'More distance is needed to safely stop in rain or poor visibility.' We can infer from this that:
A: people drive faster in rain and poor visibility.
B: the writer is merely calculating on the safe side.
C: braking is more hazardous in rain and poor visibility.
D: the road rules state that this must be so.
E: All of these.

19. The boy's incorrigible behaviour puzzled his sister.
The word *incorrigible* in this sentence means:
A: appalling
B: reformed
C: incurable
D: frustrated
E: none of these

20.Choose the option which will best replace the underlined word in the sentence to make it correct.
The hotel accomodation was luxurious.
A: acommodation
B: accommodation
C: accomadation
D: accommerdation
E: Leave it as it is.

SCIENCE

1.Some waste like bottles ,cans and paper are sent for recycling.After recycling these are used for making new products.Which of the following could be the most important reason for recycling garbage?

    a)Recycling reduces the amount of waste getting buried in the mud

    b)Recycling reduces the foul smell formed in the waste

    c)Recycling creates job for people recycling waste
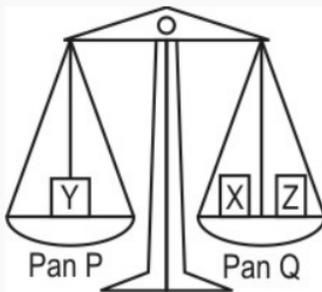
    d)Recycling results in the production of biogas.

2.

The figure shows parallel rays in air diverging after passing through a glass object. Which of the following objects could it be?
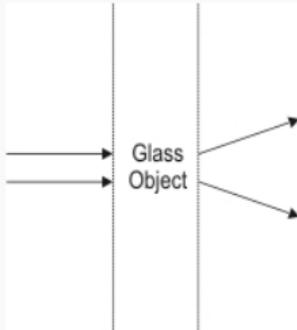
a)Convex lens
b)Concave lens
c)Glass slab
d)Mirror

3.

Tarun is weighing some boxes as shown below.

What will happen if 'box Z' is taken away from Pan Q?

a)Pan P will go down
b)Pan Q will go down
c)Pan P and Pan Q will go down
d)Pan P and Pan Q will remain same

4.

Mr. Anish Bhogle is responsible for taking care of the local warehouse where farmers store their sacks of wheat. For different reasons, the wheat spoils in some of the stored sacks over time. Which of these methods should he adopt during his monthly check to identify sacks of spoilt wheat?

a)Empty all the sacks and check every grain for spoilage
b)Take one sample sack and check it thoroughly for spoilage
c)Take a small sample from every sack and check it for spoilage
d)Check all the new sacks that have come in the last one month

5.

In 1949, Lucky Lady II was the first airplane to go around the world non-stop. The pilots started their flight from a place called Texas in America and flew towards the East. They kept going in the East direction till they reached the same place from where they had started in America. The journey took around 4 days.

People in America would have seen the plane travelling from West to East. In which direction would people in India have seen the plane travelling?

a)Coming from west and going to the east
b)Coming from east and going to the west
c)Coming from east and going back to the east
d)In any direction

6.

Dengue fever which is spread by mosquitoes causes high fever and severe bone ache. Kiran who lives in Delhi is worried about a recent outbreak of this fever. The preventive steps that she should take are:

1. wear protective clothes that cover her fully

2. keep the windows open for better circulation of air

3. keep stored water covered and avoid any collection of water

4. pile up fallen leaves and other wastes in the corner of the garden

a) 1 and 2
b) 3 and 4
c) 2 and 4
d) 1 and 3

7.

The picture given below shows a village and its boundaries. What is the northern boundary of the village?
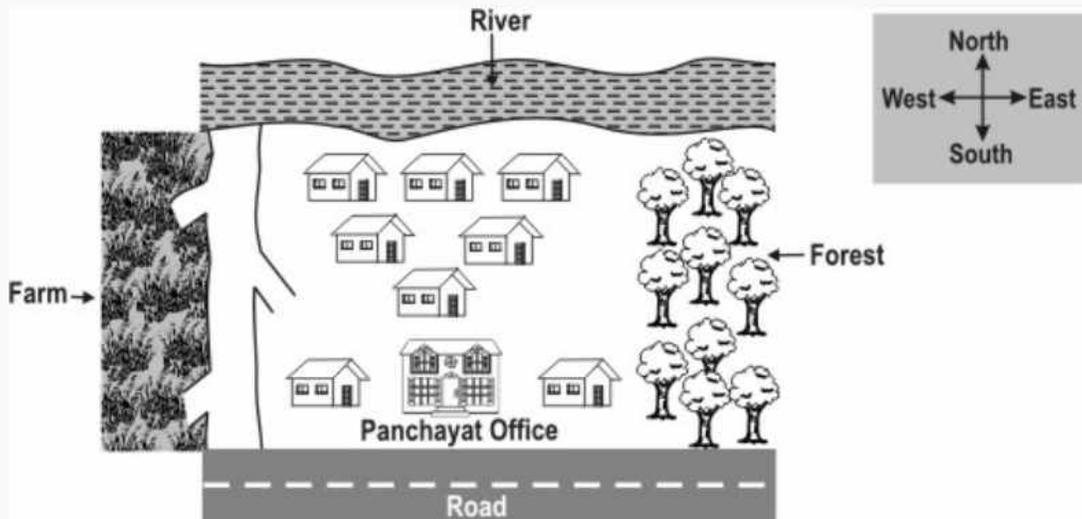

a)the farm
b)the forest
c)the river
d)the road

8. Study the given below and answer the following questions

Name of the substances	Dissolves in water	Has a strong smell	Solid/Liquid
salt	yes	no	solid
petrol	no	yes	liquid
camphor	no	yes	solid
Refined oil	no	no	liquid

Which of the following would BEST describe refined oil?
a) It is a solid and dissolves in water
b) It is a liquid and dissolves in water
c) It is a solid and does NOT dissolve in water
d) It is a liquid and does NOT dissolve in water

9. In Lilly's village, many people use firewood to cook their food.Lilly wants her mother to use a solar cooker which cooks food using the heat of the sun.
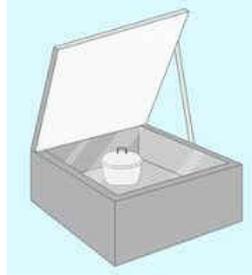
What could be an advantage of using such a cooker?
   a) It makes the food saltier
   b) The food will not be get burnt
   c) Smoke will not be given out
   d) Cooking can be done whenever one wants to cook.

10. Rama filled a cup completely with water and poured it into a JUG .She then filled the SAME CUP completely with water and poured it into a BOTTLE .

Jug   Bottle

Which one has more water?
   a) JUG, because it is bigger than bottle
   b) BOTTLE , because it is taller than JUG
   c) The JUG ,because it is wider than Bottle
   d) Both have the same amount of water

11. The upper part of an umbrella is made of a special type of cloth?

Which of the following **BEST** describes an umbrella cloth?
   a) It must allow light to pass through.
   b) It must not be white in colour
   c) It must not allow liquids to pass through .
   d) It must be able to sink in water

12- Dr. Yo is a scientist .He fills one cup with cold water and another cup with the same amount of hot water .He then immediately puts both the cups in the freezer in his laboratory .

a)How cold is it inside the freezer?
b)What turns into ice faster -hot water or cold water?
c)what is inside a freezer that changes water into ice ?
d)how many cups of water can change to ice in a freezer at the same time ?

13-Priyanka was trying to find out something .She took a print of her left thumb on a piece of paper?

She went to each of her family members and got prints of their thumb.She then kept all the thumbprints side by side and carefully checked her thumb print along with the others .What was she trying to find out ?
    a)If prints of both her thumbs were the same
    b)what were the ages of the family members
    C)which member of her family had the longest nails
    d)whenever her thumb print was the same as that of another family member

14- Which of the following will change to liquid the fastest when kept open in a room?

 ice

 wax

 butter

 chocolate

15. Which of the following has air in it?

An inflated balloon   a open cup   an inverted cup   a bottle with a lid

a) Only the balloon
b) The balloon and the open cup
c) The balloon , the open cup and the closed bottle
d) All of them have air

16. A support is given for some types of jasmine plants but not for a hibiscus plant.This is because

a) Animals are attracted to some jasmine plants and the support helps to protect it from animals
b) Only a jasmine plant has flowers because of which it needs a support
c) Some jasmine flowers smell very good and the support helps to protect them from insects
d) Some jasmine plants have weak stems while hibiscus plants have strong stem.

17. Sandhya filled a bottle with water as shown here.She then put the bottle on a slope.

Bottle with water   Slope
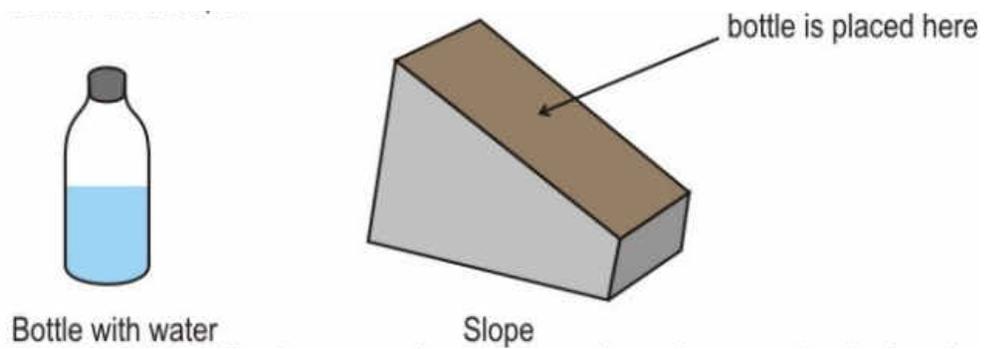
Which of the following correctly represents how the water in the bottle will look?

A

B

C

D
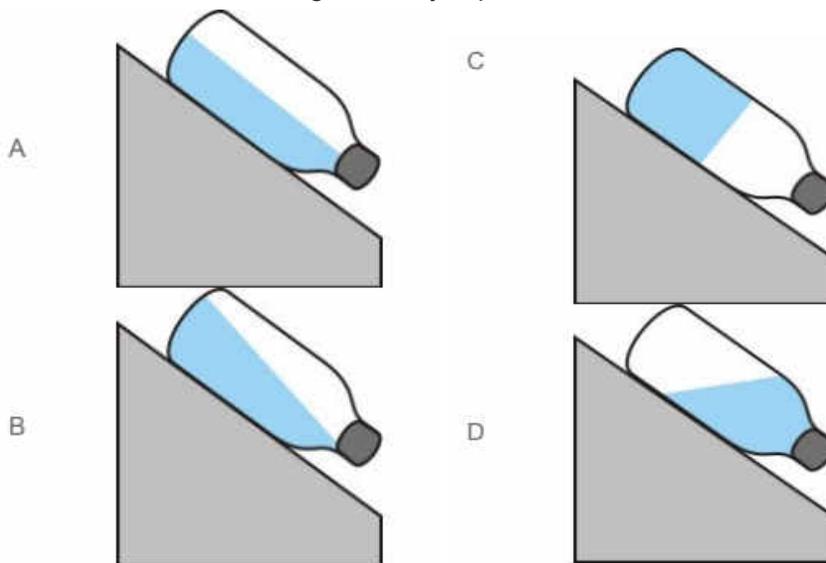
18. The teacher lights an incense stick (agarbathi) and places it on the desk in front of her.
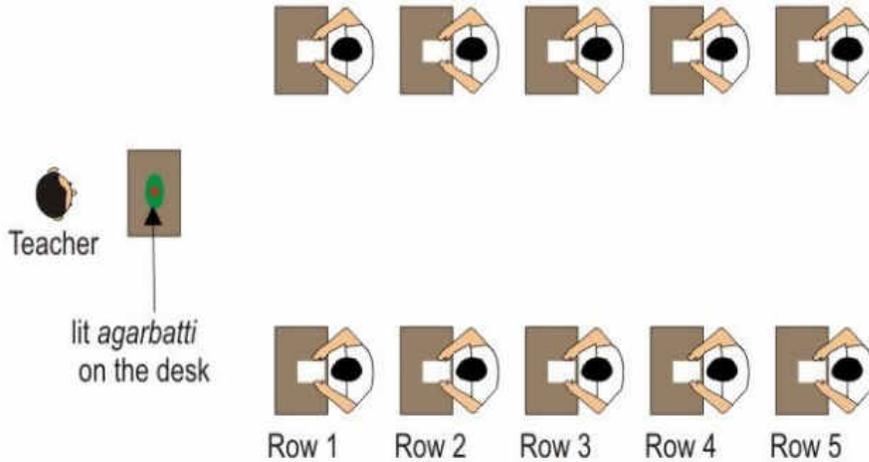
Children in row 3 smell it in 30 seconds.Which row(s) of children will smell it ONLY AFTER the children in row 3?

a) Only row 2   b) only row 4

c) both rows 1 and 2   d) both rows 4 and 5

19.19.Jenny took a round ball of clay as shown here and weighed it.She used up all the clay to make 10 smaller balls from it.If she rolls all the smaller balls back into one ball, what can be said about the weight of this new ball?

a) It wiil be heavier than before   c) it will be lighter than before

b) It will be same as before   d) It is not possible to say without doing it.

20-Divya saw tiny things floating in the beam of sunlight that entered the room.what are these tiny things?

a)particles of air
b)particles of dust
c) particles of water
 d) particles of sunlight

MATHEMATICS

1)   30 + 27 + 53 gives the same answer as ☐ + 30 + 53 Which of these

goes in the empty box ?

        A. 27   B. 30   C. 53   D. 83

2) Look at the picture below.
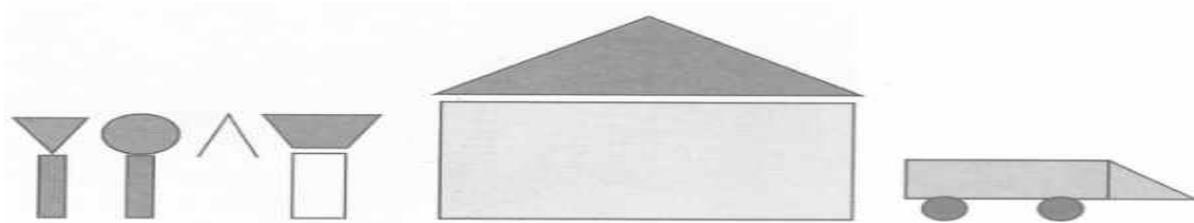
    How many triangles are there ?

     A) 2   B) 3   C) 4   D) 5

3) There are 3 bundles of sticks and 4 loose sticks. Each bundle has 7

sticks.

    Total number of sticks is_____.

     A) 47   B) 43   C) 34   D) 25

4) See the pattern below.
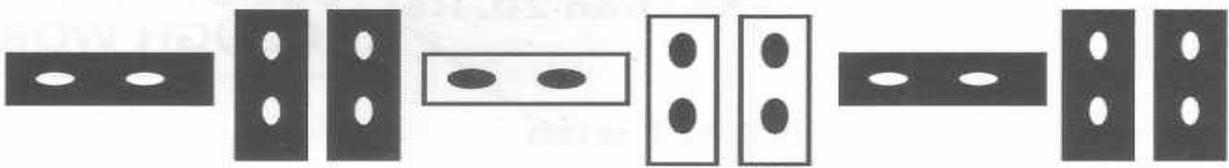
Which of these shapes comes next ?

A   B   C   D

5) Five years ago, Jack was 10 years old. Jill will be 10 years old next year.

   Who is the older of the two and by how many years?

   A) Jack is older by 6 years   B) Jill is older by 10 years

   C) Jill is older by 5 years   D) Jack is older by 15 years

6) What number can fit in BOTH the boxes below to make the sentence true ? 20 -

= 10 +

   A) 0   B) 5   C) 8   D) 30

7) Represent the shaded part as a fraction and choose the correct option:
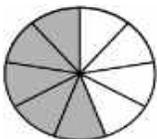
   A) It is a proper fraction   B) It is an improper fraction
   C) It is a mixed fraction   D) It is a unit fraction

8) Look at the picture below.
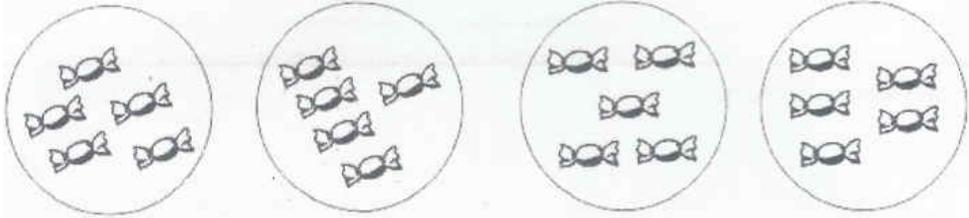
Which of the following facts does this picture show ?

A) 18 + 2 = 20   B) 4 + 5 = 9

C) 4 + 4 + 4 + 4 = 16   D) 4 X 5 = 20

9)   A piece of wool with 2 knots on it is shown below.

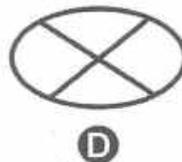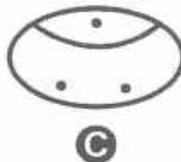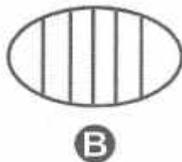Which piece of wool below is the same as the one shown above ?

A

B

C

D

10) There are 10 beads of different designs. 7 out of those 10 beads are displayed in a sequence. The bead with stars is 8th from the RIGHT.

8th from right

Only 7 out of 10 beads are shown
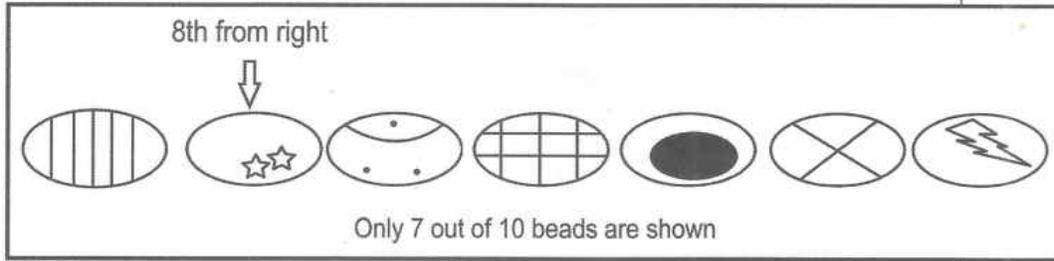
Which of the following bead is 7th from left ?

A   B   C   D

11) Soham bought one of the items shown below. He gave the shopkeeper

some coins of Rs. 5. The shopkeeper gave Rs 2 back to him.

Which item could he have bought ?

Lollipop	Pen	Juice	Ruler
Rs 8	Rs 10	Rs 15	Rs 17
A	B	C	D

12) Ahana is filling the caterpillar grid as shown below.
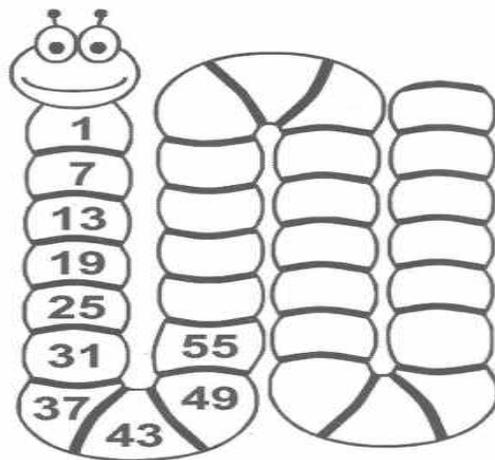
If she completes the grid in the same way. Which pair of numbers would come in the pattern ?

A) 77, 93   B) 85, 89   C) 97, 103   D) 101, 109

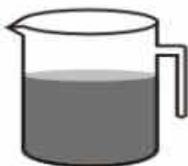13) Here are Namita's and Jenny's shoes.

Namita's shoe

Jenny's shoe

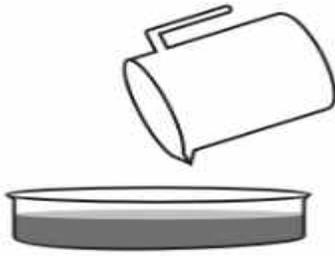They measure the length of their classroom using their shoes. With Namita's shoes, the room is 15 'shoes' long.

What could be the length of the room when measured with Jenny's shoes?

A) 13 shoes long   B) 15 shoes long   C) 17 shoes long   D) 19 shoes long
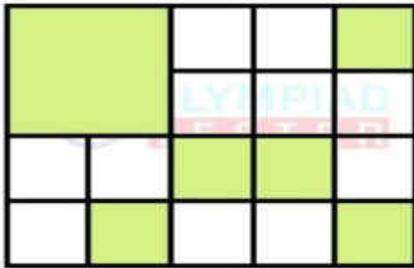
14) There is some water in a jug.

All the water is poured into an empty pan from the jug
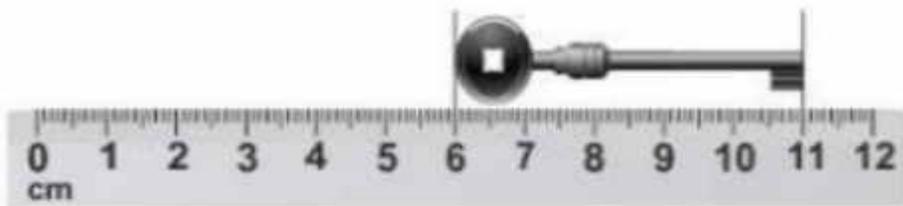

What happens to the amount of water?

A) It becomes less

B) It remains the same

C) It becomes more

D) We can't say.

15) What fraction of the figure is shaded?

A) $\dfrac{1}{4}$

B) $\dfrac{3}{10}$

C) $\dfrac{9}{20}$

D) $\dfrac{3}{20}$

16) What is the length of the key shown in the picture below?

A) 6cm

B) 5cm
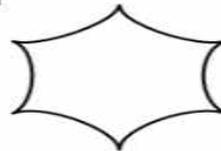
C) 8cm

D) 11cm

17) This figure has 3 straight sides
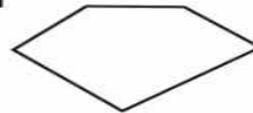

Which of the following figures has 6 straight sides?

A

B

C
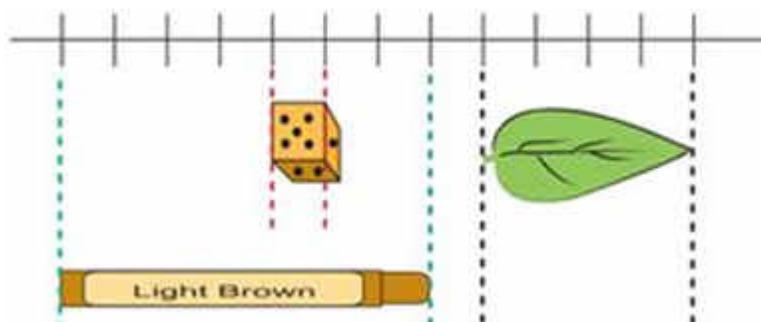

D

18) How many tens were present in 7804?

    A) 0   B) 80   C) 780   D) 700

19) The die is 1 cm from every side, then the leaf is _____ cm long.

    A) 10 cm   B) 4 cm   C) 6 cm   D) 8 cm

20) The face value of 0 in 489032 is _____.

    A) Tens   B) 0   C) Hundreds   D) 3