

## NSTSE Class 4 Question Paper 2018 Part 3

### Question 41:

When water is cooled to  $0^{\circ}\text{C}$ , it \_\_\_\_\_.

- i) Changes from the liquid state to the solid state
- ii) Evaporates
- iii) Gain heat
- iv) Freezes

- (1) I and iv only
- (2) ii and iii only
- (3) I, ii and iv only
- (4) I, iii and iv only

### Question 42:

Study the concept map of below.

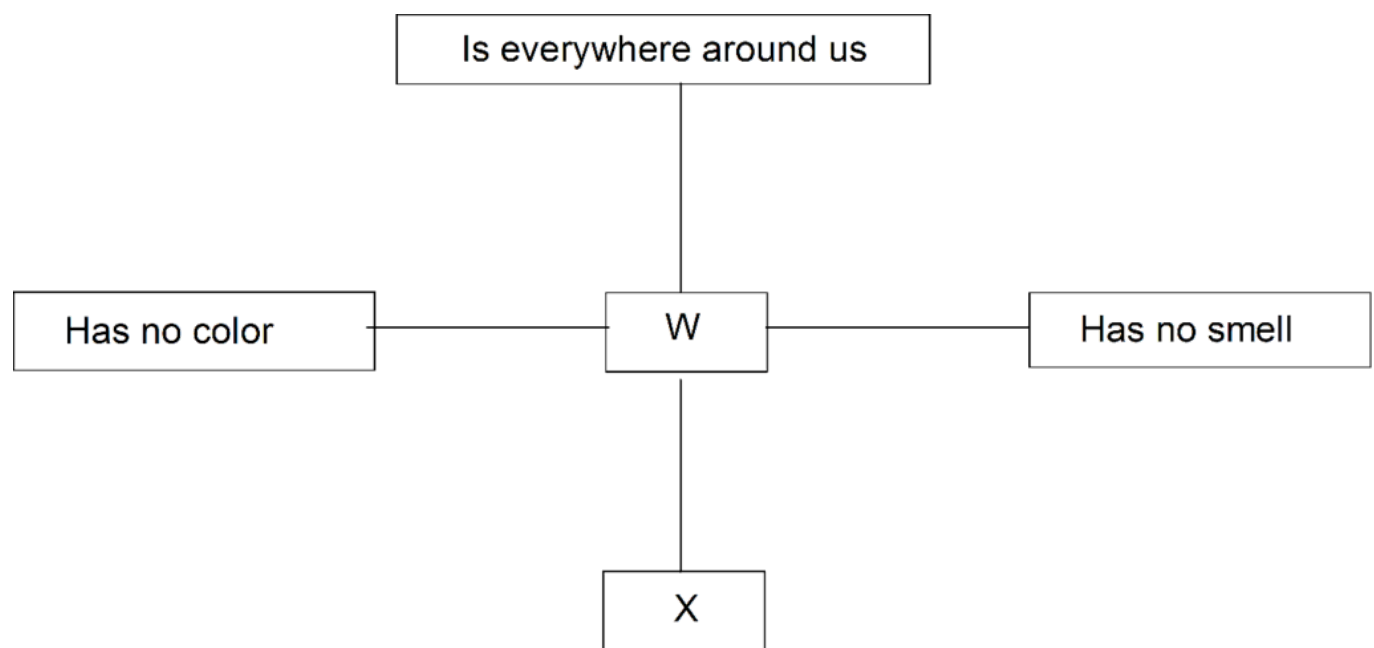


Image Staudy Concept Map

Which of the following can X be?

- i) Has mass

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- ii) Has no mass
- iii) Can be compressed
- iv) Cannot be compressed

- (1) i and iii only
- (2) i and iv only
- (3) ii and iv only
- (4) iii and iv only

**Question 43:**

A boy wants to eat an apple but has lost some incisors of his mouth. What will be his difficulty?

- (1) To cut into the apple
- (2) To ear away parts of the apple
- (3) To crush and grind the apple
- (4) To digest the apple

**Question 44:**

What is the relation between the following pairs of items?

|             |                      |              |
|-------------|----------------------|--------------|
| Dog - Lungs | Rose plant - Stomata | Fish - Gills |
|-------------|----------------------|--------------|

*Image Relation Pairs*

- (1) A living thing and its organs for gaseous exchange
- (2) A living thing and organs for pumping blood
- (3) A living thing and its reproductive organs
- (4) A living thing and its sense organs

**Question 45:**

The organ that holds solid waste materials before being removed from the body is the

- (1) Pancreas
- (2) Liver
- (3) Stomach
- (4) Large intestine

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### Question 46:

The picture shows an exchange of gases between plants and animals. What gas is most likely represented by the arrow labelled X?

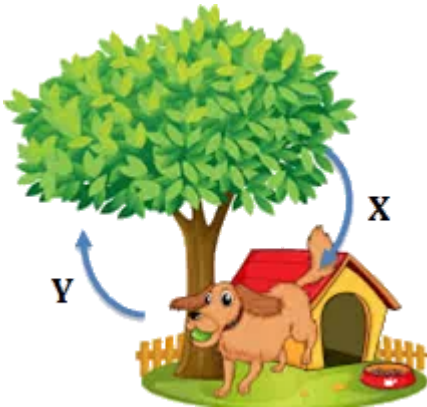


Image for Animals and Plants

- (1) Carbon dioxide
- (2) Hydrogen
- (3) Nitrogen
- (4) Oxygen

### Question 47:

The diagram shows a green plant. Where will food made by leaf X be found after translocation?

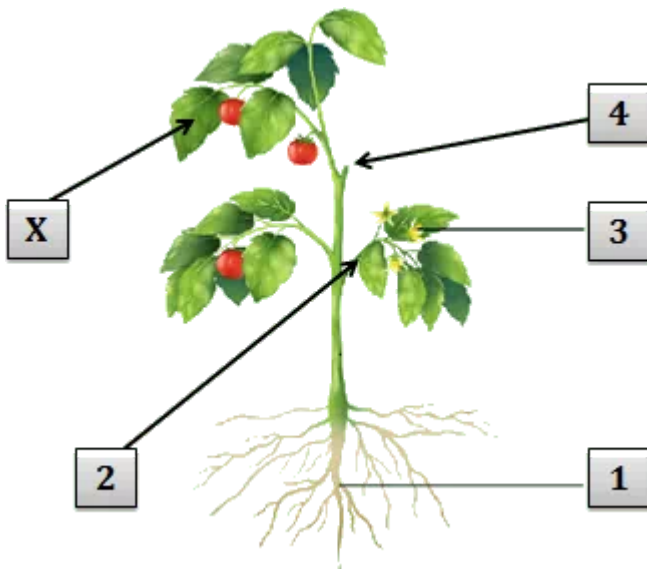


Image Green Plant

- (1) 1 only
- (2) 1 and 2 only
- (3) 1,2 and 3 only
- (4) 1,2,3 and 4

**Question 48:**

The given terms are related to

**Blade , Vein , Stomata , Lamina**

*Image Item Name Terms*

- (1) Flower
- (2) Fruit
- (3) Leaf
- (4) Root

**Question 49:**

A tooth decay results in bad breathe, cavities and toothache. It is due to the growth of

- (1) Viruses
- (2) Fungi
- (3) Protozoa
- (4) Bacteria

**Question 50:**

Which energy conversation takes place during photosynthesis?

- (1) Heat energy → Light energy
- (2) Light energy → Heat energy
- (3) Light energy → Chemical energy
- (4) Mechanical energy → Chemical energy

**Question 51:**

The house lizard is most likely to drop its tail when it

- (1) Way to lay eggs
- (2) Is about to die
- (3) Hatches from an egg
- (4) Is trying to escape

**Question 52:**

The coconut fall on the ground is due to

- (1) Muscular force
- (2) Balanced force
- (3) Gravitational force
- (4) Frictional force

**Question 53:**

What is the life cycle?

- (1) It tells how a living thing obtained its food
- (2) It tells how a living thing move
- (3) It tells the different stages of a living things life
- (4) It tells how animal become extinct

**Question 54:**

Which of these is made from a plant source?

- (1) Milk
- (2) Ghee
- (3) Curd
- (4) Bread

**Question 55:**

Which one of the following processes replenishes oxygen in the air?

- (1) Respiration
- (2) Transpiration
- (3) Photosynthesis
- (4) Precipitation

**Critical Thinking**

**Question 56:**

Three friends Surya, Karan, Krishna are taking a photo standing in a row. In how many different ways they can stand?

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(1) 8

(2) 6

(3) 7

(4) 9

**Question 57:**

Starting with the least, arrange these parts of a normal human body according to their number in increase order.

(1) Hair, Neck, Ears, Nails

(2) Nails, Ears, Neck, Hair

(3) Neck, Ears, Nails, Hair

(4) Nails, Neck, Hair, Ears

**Question 58:**

Which of the given figures can be drawn without lifting the pen or retracing the line?

(1)

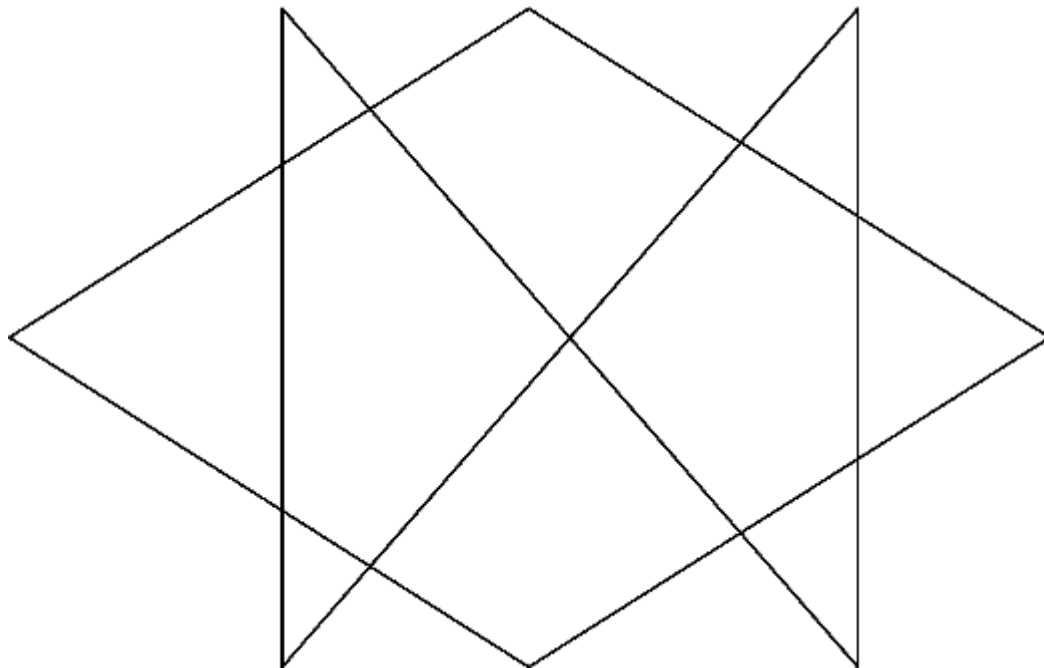


Image Figures Line Choice 1

(2)

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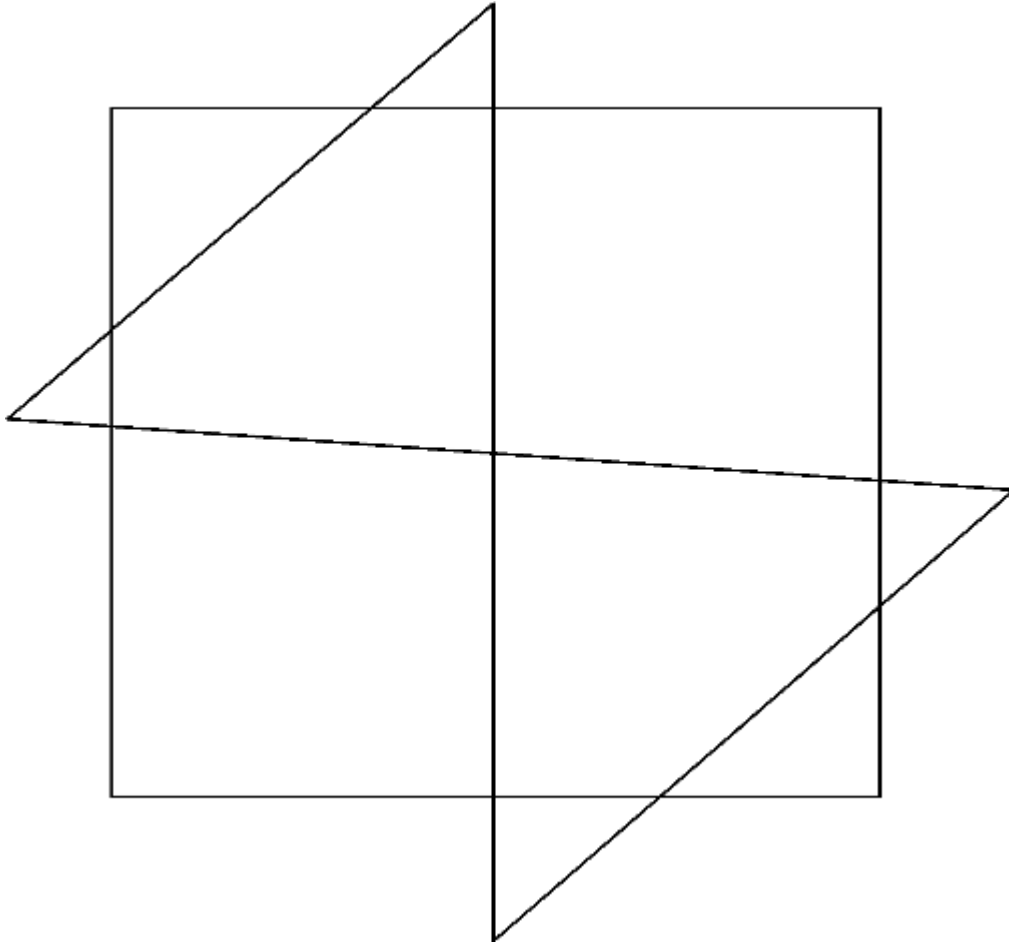


Image Figures Line Choice 2

(3)

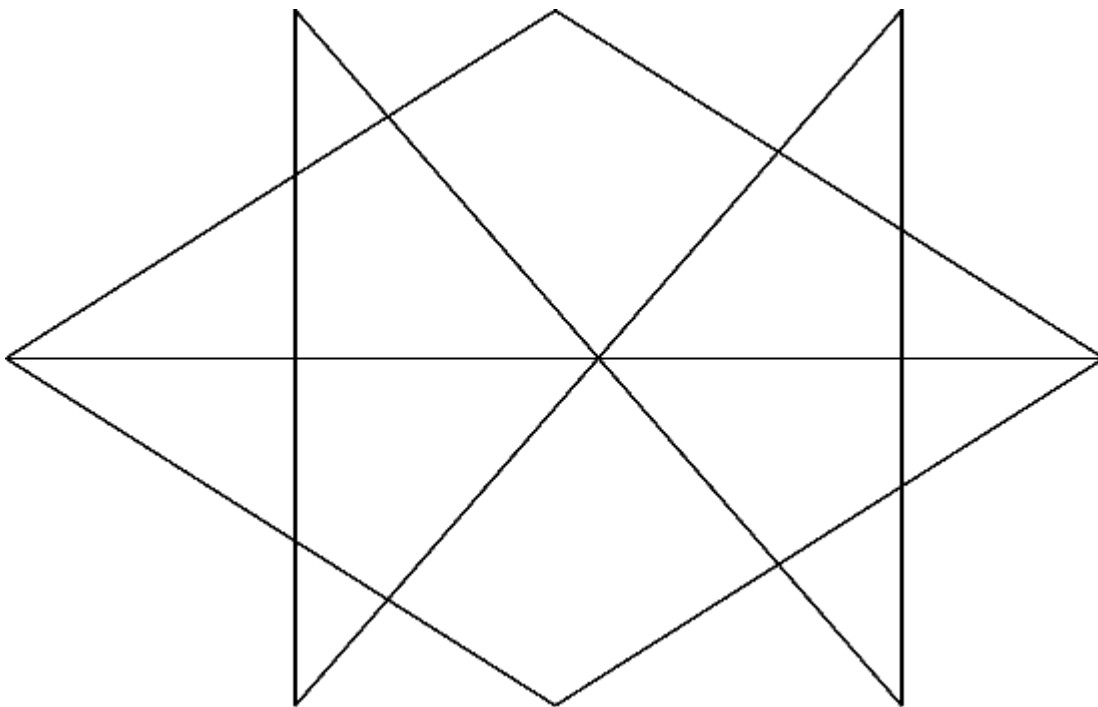


Image Figures Line Choice 3

(4)

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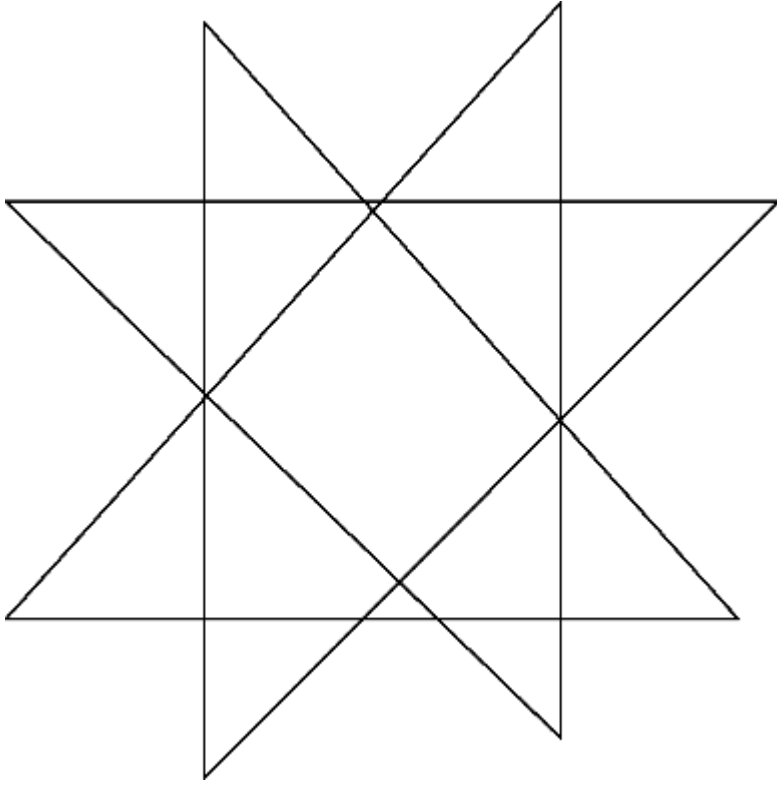


Image Figures Line Choice 4

**Question 59:**

1<sup>st</sup> January 2018 was Monday, then which day is the Indian independence day of the year 2019?

- (1) Saturday
- (2) Wednesday
- (3) Thursday
- (4) Friday

**Question 60:**

How many bananas replaces question mark?



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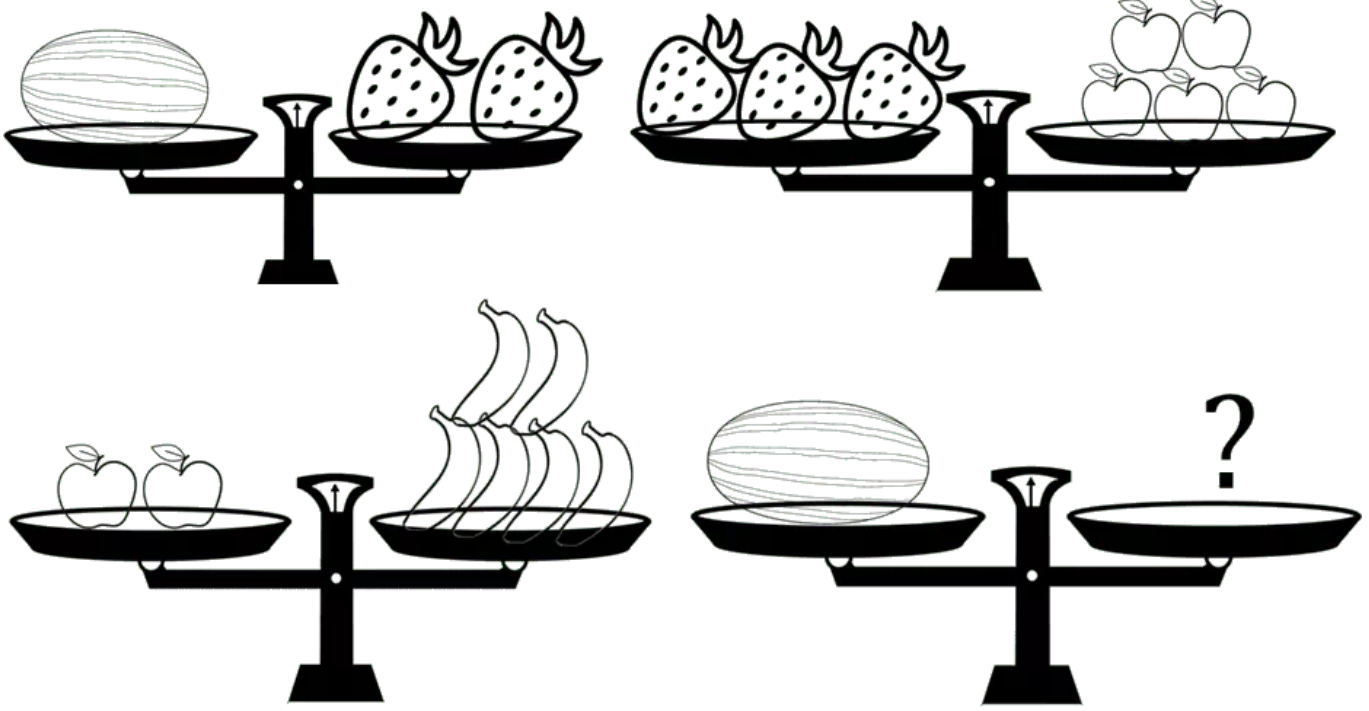


Image Bananas Mark

- (1) 30
- (2) 10
- (3) 6
- (4) 8

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