

Asset Practice Answers: Science

1. **The following animals can be seen in the zoos of India. Which of them can also be seen in the forests of India?**
2. ** B. **
3. ** D.  Right answer A**

**2.**

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**The fibre used in which one of the above clothes is directly obtained from plants?**

**A.** Silk sari

**B. Cotton kurta**

**C.** Synthetic shirt

**D.** Woollen sweater

1. **Monty: Can it be seen in the day sky?**

**Beenu: Yes Monty: Does it give off its own light?**

**Beenu: No**

**Which of these heavenly bodies was Beenu talking about?**

**A.** Sun

**B. Moon**

**C.** Stars

**D.** None of the above

**4. Living organisms can be divided into two main groups - plants and animals. The main difference**

**between the two is - plants can make their own food using sunlight, but animals cannot. Which of the**

**following can be put under the category of plants?**

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**A.** Only rose

**B.** Only grass

**C.** Only rose and grass

**D. All - banyan, rose and grass**

**5.**

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**Which part is Gulzar talking about?**

**A.** Stems

**B.** Lungs

**C.** Legs

**D. Roots**

**6. Juhi had a cube. When she put it in a glass of water, it sank to the bottom.**

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**What could the cube be made up of?**

**A.** Ice

**B.** Wax

**C. Iron**

**D.** Wood

**7. Some objects are put in this table based on their properties. For example, glass is placed in - 'Light**

**can pass through it' and 'Man-made'.**

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**Which of these can be put in the box marked with 'X'?**

**A.** Wood

**B.** Bone

**C. Water**

**D.** Plastic

**8. Which of these methods of travel will cause pollution to the surroundings?**

**1. Travelling by air**

**2. Rowing a boat**

**3. Going by cycle**

**4. Driving a car**

**A.** 1 and 2

**B.** 2 and 3

**C. 1 and 4**

**D.** 3 and 4

**9. Which of these contains air in it?**

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**A.** Only the balloon

**B.** Only the balloon and the bicycle tube

**C.** Only the balloon, the bicycle tube and the empty bottle

**D. All of them - the balloon, the bicycle tube, the ink filler and the empty bottle**

**10. Which of these is/are examples of EVAPORATION?**

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**A.** Only 1

**B.** Only 1 and 2

**C.** Only 2

**D. All- 1, 2 and 3**

**11. Ram: Only the Sun moves around the Earth.**

**Rahim: Only the Moon moves around the Earth.**

**Manaaz: Both, the Moon and the Sun move around the Earth.**

**Jennifer: Neither the Sun nor the Moon move around the Earth.**

**Who is correct?**

**A.** Ram

**B. Rahim**

**C.** Manaaz

**D.** Jennifer

**12. Ramu had a peppermint in his mouth for some time. Even though he did not bite into the peppermint,**

**he noticed that it got smaller and finally disappeared. What happened to the peppermint?**

**A.** The peppermint disappeared because of the heat.

**B.** Ramu chewed the peppermint and ate it up.

**C. The peppermint dissolved in Ramu's mouth bit by bit.**

**D.** Ramu swallowed the peppermint. Therefore it disappeared.



**Science**

1. A: Penguins are found only in the southern part of the Earth. They are not found in the forests of India. Giraffes and

ostriches are only found naturally in Africa. They are not found in the forests of India. Deer are found naturally in the

forests of India. Thus, only option A is the correct answer.

2. B: We get silk and wool from silkworms and sheep respectively. They are both animals. Synthetic thread is made in

factories. Hence, options A, C and D are incorrect. Among these options, we get only cotton from plants. The others are

non-plant sources. Hence, option B is the only correct answer.

3. B: The Sun can be seen in the day sky and it gives off its own light, so it cannot be the correct answer. The heavenly

body does NOT give off its own light. All stars give off their own light. (The Sun is a star too!) The Moon does not give off

its own light. It only shines because the light from the Sun makes it look bright.

4. D: Plants can make their own food using sunlight, but animals cannot. This means that all living beings that can make

their food are called plants. A rose plant, a banyan tree and grass all make their own food. So, they are all plants. Hence,

option D is the only correct answer.

5. D: The part belongs to a living being that is not an animal. This means that it most probably belongs to a plant. Only

option A and D are plant parts. Hence, option B is incorrect as lungs are seen only in animals. This part also does not

grow in the direction of light. A stem grows in the direction of light, but roots grow deep underground in a direction

opposite to light. Hence, option D is the only correct answer.

6. C: Try putting a cube of ice in water. Check where it remains in the water. You will see that option A is incorrect. A cube

of ice always floats in water and never sinks. Wax and wood also float in water. Iron usually sinks in water, hence, option

C is correct.

7. C: The substance in box 'X' needs to be natural and it allows light to pass through it. Among all the options, wood and

bone do not allow light to pass through it. Some plastics allow light to pass through them, but they are not natural.

Plastics are man-made. Hence, only option C is correct.

8. C: Aeroplanes and cars cause pollution because they give out harmful gases that get mixed in the air. Rowing a boat and

riding a cycle do not cause any pollution as they don't give out any harmful gases. Hence, only option C is correct.

9. D: Air is all around us, although we cannot see it or feel it all the time. We're actually walking around in a sea of air! Air

enters empty spaces if those spaces are open at any time. The empty bottle, balloon, bicycle tube are all open at some

point. The ink filler is always open and so, air can easily enter it. Hence, all of them contain air. Although we fill extra air

in the balloon and the bicycle tube, the other objects also contain air. Hence, option B is incorrect.

10. D: Evaporation is the process in which a liquid is converted to its gaseous form. Water, which is in liquid form, changing

to water vapour is evaporation. Water from different places, whether it be oceans, rivers, puddle on a road or a glass

inside a room gets converted to water vapour. At some places it might happen faster and at some places slower. But still,

all the 3 are examples of evaporation.

11. B: The Earth moves around the Sun and the Moon moves around the Earth. Hence, option A and C are incorrect. The

Moon moves around the Earth. Hence, option D is incorrect. Thus, only Rahim is correct.

12. C: Ramu did not swallow his peppermint. It became smaller in his mouth. This means that the peppermint slowly

dissolved in his mouth in the saliva.