

SCO INTERNATIONAL OLYMPIAD

CLASS 1 QUESTION PAPER

Designed from Class 1 Science learning pathways and aligned with SCO's platform flow for guided preparation, practice, reporting, and future-ready academic growth.

- age-fit science learning guidance for Class 1 / early-primary learners globally
- question blocks with answer keys, explanations, and classroom-ready review support
- preparation roadmap, observation skills, safety habits, and environmental awareness

Maths	English	Science	Mental Ability	Finance Knowledge
AI	Entrepreneurship	GK	Coding	Life Skills

SCO International Science Olympiad - Class 1 - Question Paper Set M

Candidate Guidance: Total Questions: 35 | Time: 1 hour | Choose ONE correct answer for each question. Each block includes the correct answer and explanation for guided review.

Section 1 - Living Things and the Natural World

1

Which of these is something all living things need?

- A. Food or energy
- B. To glow in the dark
- C. To stay still forever
- D. To turn into stones

Answer: A

Explanation: All living things need food or energy to stay alive. Plants make their food using sunlight, while animals get food by eating plants or other animals.

2

Why is a tree a living thing?



- A. It can dance in the wind.
- B. It grows bigger over time.
- C. It has green leaves only.
- D. It lives in a forest only.

Answer: B

Explanation: A tree is a living thing because it grows, needs air and water, and responds to its surroundings. Green leaves and forests are helpful clues, but growth is the strongest reason.


3

Why is a cat a living thing?



- A. It can move, breathe, and grow.
- B. It has soft fur only.
- C. It sleeps on a couch only.

	<p>D. It likes milk only.</p> <p>Answer: A</p> <p>Explanation: A cat is living because it breathes, grows, needs food, and can move on its own. Fur and habits do not alone prove that something is living.</p>
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<p>4</p>	<p>Why is a fish a living thing?</p> <div style="text-align: center;">  </div> <p>A. It makes bubbles in water only. B. It can swim and breathe. C. It has shiny scales only. D. It lives in water only.</p> <p>Answer: B</p> <p>Explanation: A fish is living because it breathes, grows, needs food, and moves. Living in water or having scales are features, but breathing and movement show life more clearly.</p>
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<p>5</p>	<p>Match the following living things with their correct categories: 1. Butterfly 2. Grapevine 3. Snake. Categories: i. Creeper ii. Reptile iii. Insect.</p> <p>A. 1-iii, 2-i, 3-ii B. 1-ii, 2-iii, 3-i C. 1-i, 2-ii, 3-iii D. 1-ii, 2-i, 3-iii</p> <p>Answer: A</p> <p>Explanation: A butterfly is an insect, a grapevine is a creeper/climber plant, and a snake is a reptile.</p>
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<p>6</p>	<p>Which of these shows a source of clean energy?</p> <p>A. The Sun B. A factory chimney with smoke C. A petrol car D. A used battery</p> <p>Answer: A</p> <p>Explanation: Sunlight is a clean and renewable source of energy. Smoke, petrol use, and used batteries can create pollution if not handled properly.</p>
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<p>7</p>	<p>Which of these animals lives in water?</p> <p>A. Goldfish B. Owl</p>
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	<p>C. Elephant D. Lion</p> <p>Answer: A</p> <p>Explanation: A goldfish is an aquatic animal and needs water to live. Owls, elephants, and lions live mainly on land.</p>
<p>8</p>	<p>Which of these helps reduce pollution?</p> <p>A. Planting trees B. Driving more cars C. Using plastic bags again and again without care D. Throwing garbage in rivers</p> <p>Answer: A</p> <p>Explanation: Planting trees helps clean the air and supports the environment. More cars, plastic waste, and throwing garbage in rivers increase pollution.</p>
<p>9</p>	<p>Which of these is NOT a natural resource?</p> <p>A. Sunlight B. Air C. A brick wall D. Water in a lake</p> <p>Answer: C</p> <p>Explanation: Sunlight, air, and lake water are found in nature. A brick wall is made by people, so it is not a natural resource.</p>
<p>10</p>	<p>What can happen if too many trees are cut down?</p> <p>A. The Earth can become hotter. B. More rain always falls. C. Birds get more homes. D. Forests grow larger immediately.</p> <p>Answer: A</p> <p>Explanation: Trees provide shade, homes for animals, and cleaner air. Cutting too many trees can make places hotter and can harm animals that depend on trees.</p>
<p>11</p>	<p>Match the following animals with their homes: 1. Lion 2. Bird 3. Frog 4. Penguin. Homes: i. Den ii. Nest iii. Pond iv. Iceberg.</p> <p>A. 1-i, 2-ii, 3-iii, 4-iv B. 1-ii, 2-iii, 3-iv, 4-i C. 1-iv, 2-iii, 3-ii, 4-i D. 1-iii, 2-iv, 3-i, 4-ii</p> <p>Answer: A</p>

	<p>Explanation: A lion lives in a den, a bird builds a nest, a frog can live near a pond, and a penguin lives in icy regions.</p>
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<p>12</p>	<p>Match the following colours with common objects: 1. Red 2. Green 3. Blue 4. Yellow. Objects: i. Apple ii. Grass iii. Sky iv. Sun.</p> <p>A. 1-i, 2-ii, 3-iii, 4-iv B. 1-ii, 2-iii, 3-i, 4-iv C. 1-iii, 2-i, 3-ii, 4-iv D. 1-iv, 2-iii, 3-ii, 4-i</p> <p>Answer: A</p> <p>Explanation: A red apple, green grass, blue sky, and yellow sun are common colour-object matches used in early science observation.</p>
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<p>13</p>	<p>Match the following animals with the food they commonly eat: 1. Cow 2. Giraffe 3. Tiger 4. Monkey. Food: i. Grass ii. Leaves iii. Meat iv. Bananas.</p> <p>A. 1-i, 2-ii, 3-iii, 4-iv B. 1-ii, 2-i, 3-iv, 4-iii C. 1-iii, 2-iv, 3-i, 4-ii D. 1-iv, 2-iii, 3-ii, 4-i</p> <p>Answer: A</p> <p>Explanation: Cows eat grass, giraffes eat leaves, tigers eat meat, and monkeys can eat fruits such as bananas.</p>
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<p>14</p>	<p>Match the following with their uses: 1. Apple 2. House 3. Books 4. Shoes. Uses: i. To wear ii. To eat iii. To read iv. To live in.</p> <p>A. 1-ii, 2-iv, 3-iii, 4-i B. 1-iv, 2-iii, 3-ii, 4-i C. 1-iii, 2-ii, 3-iv, 4-i D. 1-ii, 2-iii, 3-i, 4-iv</p> <p>Answer: A</p> <p>Explanation: An apple is for eating, a house is for living in, books are for reading, and shoes are worn on the feet.</p>
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Section 2 - Passage-Based Environmental Understanding

15

Passage: The Helpful Tree

A tree in a park asked children not to cut it down. It said that trees give fresh air, shade, and homes to many living things. The children learned that protecting trees helps people, animals, and the environment.

Why did the tree not want to be cut down?

- A. It wanted to be in the playground.
- B. It gives fresh air to everyone.
- C. It was thirsty and could not talk.
- D. It liked only the children.

Answer: B

Explanation: Trees help give fresh air, shade, and homes for birds and insects. Protecting trees is good for people and nature.

16

Passage: The Little River

A clean river flowed through a village. Animals and plants lived happily near it. When people began throwing trash into the river, fish disappeared and plants near the river became weak. The river became healthy again when people stopped polluting it.

What lesson does the river teach?

- A. Clean rivers help plants and animals.
- B. Fish should not be in rivers.
- C. Throwing trash makes rivers beautiful.
- D. Rivers can stay clean with trash.

Answer: A

Explanation: Clean rivers support plants, animals, and people. Throwing garbage into rivers harms water life and makes the river unsafe.

17

Passage: The Wind's Gift

The wind carried a small seed to a field. The seed landed in soil and, with water and sunlight, grew into a plant. The wind was happy because it helped the seed reach a place where it could grow.

Why was the wind happy about the plant?

- A. The wind liked the plant because it grew fast only.

	<p>B. The wind helped the seed reach a place where it could grow.</p> <p>C. The plant made the wind blow stronger.</p> <p>D. The plant gave water to the wind.</p> <p>Answer: B</p> <p>Explanation: Wind can help move some seeds from one place to another. With soil, water, and sunlight, seeds can grow into plants.</p>
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<p>18</p>	<p>Passage: The Busy Bees</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>In a garden, bees visited flowers to collect nectar. Some flowers began to wilt because they did not get enough water. The children learned that flowers need care, and bees need flowers for nectar.</p> </div> <p>What should the children do to help the bees?</p> <p>A. Cut down all the flowers.</p> <p>B. Water the flowers to keep them alive.</p> <p>C. Take all flowers away from the garden.</p> <p>D. Ignore the flowers.</p> <p>Answer: B</p> <p>Explanation: Watering the flowers helps flowers stay healthy. Bees depend on flowers for nectar, so helping flowers also helps bees.</p>
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<p>19</p>	<p>Passage: The Fresh Air Cloud</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>A cloud floated in the sky and saw that the air below was dirty. The wind moved through the area and helped bring fresher air. The children learned that clean air is important for people, animals, and plants.</p> </div> <p>What helped the Earth in the story?</p> <p>A. Heavy rain only</p> <p>B. Fresh air carried by the wind near the cloud</p> <p>C. Bright sunshine all day</p> <p>D. Cold weather only</p> <p>Answer: B</p> <p>Explanation: Clean air is important for the health of living things. The story shows that fresher air helps people, animals, and plants.</p>
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<p>20</p>	<p>Passage: The Lost Seed</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>One sunny day, a seed fell from a tree. A kind bird helped carry it to a patch of soil. With soil, water, and sunlight, the seed grew into a beautiful flower.</p> </div>
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	<p>Where did the seed grow?</p> <ul style="list-style-type: none">A. In the soilB. On top of the tree onlyC. Inside the riverD. On the Sun <p>Answer: A</p> <p>Explanation: Seeds usually need soil, water, air, and sunlight to grow into plants.</p>
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21	<p>Passage: The Busy Ants</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"><p>A group of ants carried food to their home. They also kept their area clean. One ant said that a clean place is safer and healthier for everyone.</p></div> <p>What did the ants do to keep their home clean?</p> <ul style="list-style-type: none">A. They collected food only.B. They threw trash around.C. They worked together to clean the area.D. They played all day. <p>Answer: C</p> <p>Explanation: The ants worked together to keep their surroundings clean. Clean surroundings are important for safety and health.</p>
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22	<p>Passage: The Rainy Day</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"><p>On a rainy day, animals took shelter under trees. The rain watered plants and filled rivers. The rabbit said that rain helps plants grow and gives living things water.</p></div> <p>What did the rain help the plants do?</p> <ul style="list-style-type: none">A. Grow and get waterB. Die quicklyC. Make more rainD. Shine brightly <p>Answer: A</p> <p>Explanation: Rain gives water to plants. Water helps plants stay healthy and grow.</p>
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23	<p>Passage: The Talking Tree</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"><p>A tree asked children to protect it and keep the air clean. The tree reminded them that trees give fresh air, shade, and many benefits to living things.</p></div>
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	<p>What did the tree ask the children to do?</p> <ul style="list-style-type: none">A. Cut more treesB. Stop polluting the air and protect treesC. Bring more sunlight onlyD. Take away all plants <p>Answer: B</p> <p>Explanation: The tree asked the children to stop polluting and protect trees because trees help keep the air cleaner.</p>
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Section 3 - Everyday Science and Materials

24	<p>In the morning, you see dew on the grass. Why does dew form during the night?</p> <ul style="list-style-type: none">A. Because it rains every night.B. Because air cools and water vapour turns into tiny drops.C. Because the Sun heats the grass at night.D. Because grass drinks water from the air. <p>Answer: B</p> <p>Explanation: Dew forms when water vapour in the air cools and changes into tiny water droplets on surfaces such as grass.</p>
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25	<p>Why do plants grow towards sunlight?</p> <ul style="list-style-type: none">A. Because they only like warmth.B. Because they need sunlight to make food.C. Because they want to see the Sun.D. Because the Sun is their friend. <p>Answer: B</p> <p>Explanation: Plants need sunlight to make food. Many plants grow toward light to get more sunlight.</p>
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26	<p>Why do we use a plastic bottle to store water instead of a paper bottle?</p> <ul style="list-style-type: none">A. Because plastic is always lighter than paper.B. Because plastic makes water fresh forever.C. Because plastic is waterproof and can hold water without leaking.D. Because plastic bottles are prettier. <p>Answer: C</p> <p>Explanation: Plastic can hold water because it is waterproof. Paper gets wet, becomes weak, and may leak.</p>
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27

Why should lights be switched off when they are not being used?

- A. To save electricity and reduce waste of resources
- B. Because light is never needed during the day
- C. To break the bulbs slowly
- D. Because air becomes too warm

Answer: A**Explanation:** Switching off lights when not needed saves electricity and reduces unnecessary use of resources.

28

Why do we put a lid on a pot while cooking food?

- A. To keep the food from burning every time
- B. To stop heat from escaping and cook food faster
- C. To make every food taste sweet
- D. To let food get more air

Answer: B**Explanation:** A lid traps heat and steam inside the pot. This can help food cook faster and save energy.

29

Why do we wear cotton clothes in summer and woollen clothes in winter?

- A. Cotton keeps us warm and wool keeps us cool.
- B. Cotton is light and breathable, while wool traps heat and keeps us warm.
- C. Wool keeps us cool and cotton traps heat strongly.
- D. Cotton and wool are the only fabrics available.

Answer: B**Explanation:** Cotton lets air pass through and helps us feel cooler in summer. Wool traps air and helps keep the body warm in winter.

30

Why do we use a fan on hot days?

- A. To blow away all outdoor air.
- B. To make the Sun colder.
- C. To keep air moving so we feel cooler.
- D. To turn hot air into water.

Answer: C**Explanation:** A fan moves air around us. Moving air helps sweat evaporate faster and makes us feel cooler.

Section 4 - Healthy and Safe Habits

31

Tommy brushes his teeth twice a day, once in the morning and once before bedtime. Why is this a good habit?

- A. It helps remove food and keeps teeth clean.
- B. It only makes teeth shiny.
- C. It helps Tommy eat more sweets.
- D. It makes teeth grow bigger immediately.

Answer: A

Explanation: Brushing removes food particles and helps keep teeth clean. It is an important habit for oral health.

32

Anna plays outside every day and enjoys fresh air and sunlight. Why is playing outside a good habit?

- A. It helps her stay active and strong.
- B. It helps her only learn video games.
- C. It makes her eat too much food.
- D. It makes her better at using a phone.

Answer: A

Explanation: Playing outside keeps children active. Fresh air, sunlight, and movement support healthy growth and fitness.

33

Kevin stays up late watching television instead of sleeping early. Why is staying up late a bad habit?

- A. It can make him feel sleepy and tired the next day.
- B. It always helps him learn more.
- C. It makes him very active in class.
- D. It improves memory immediately.

Answer: A

Explanation: Children need enough sleep for energy, growth, and concentration. Staying up late can make them tired the next day.

34

Lisa drinks water when she feels thirsty and avoids too many sugary drinks. Why is drinking water a good habit?

- A. Water keeps the body hydrated and healthy.
- B. Sugary drinks are always better for health.
- C. Sugary drinks should replace water.
- D. Water makes the body tired.

Answer: A

	<p>Explanation: Water helps the body stay hydrated and supports digestion and overall health. Too many sugary drinks are not a healthy choice.</p>
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<p>35</p>	<p>Jack often forgets to wash his hands before eating and after playing outside. Why is this a bad habit?</p> <p>A. Germs on his hands can make him sick. B. It helps his hands stay clean. C. It makes him stronger immediately. D. It helps his hands grow faster.</p> <p>Answer: A</p> <p>Explanation: Germs on unwashed hands can make Jack sick. Washing hands helps protect health.</p>
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Consolidated Answer Key

Q No.	Ans	Q No.	Ans	Q No.	Ans	Q No.	Ans	Q No.	Ans
1	A	2	B	3	A	4	B	5	A
6	A	7	A	8	A	9	C	10	A
11	A	12	A	13	A	14	A	15	B
16	A	17	B	18	B	19	B	20	A
21	C	22	A	23	B	24	B	25	B
26	C	27	A	28	B	29	B	30	C
31	A	32	A	33	A	34	A	35	A

Quick Review for Students, Teachers and Schools

Focus Area	Student Learning Reminder
Living things	Living things need food or energy, grow, breathe/respire, and respond to their surroundings.
Environment	Trees, clean rivers, clean air, water, and safe waste habits support healthy life.
Daily science	Dew, sunlight, waterproof materials, heat, air movement, and electricity saving are part of everyday science.
Healthy habits	Brushing teeth, washing hands, drinking water, playing outside, and sleeping early support good health.