

केन्द्रीय विद्यालय संगठन कोलकाता संभाग
KENDRIYA VIDYALAYA SANGATHAN, KOLKATA REGION

सत्रांत परीक्षा / SESSION ENDING EXAMINATION, 2025-26

कक्षा / CLASS-VI

अधिकतम अंक/Max. Marks: 60

विषय/Sub.: विज्ञान / SCIENCE

समय/Time: 2 ½ घंटे / Hrs.

1. All questions are compulsory.
2. The paper has four sections A, B, C & D and 28 questions.
3. Section A has 14 questions of one mark each.
4. Section B has 4 questions of 2 marks each.
5. Section C has 5 questions of 3 marks each.
6. Section D has 2 CCT based questions of 4 marks each and 3 LA type questions of 5 marks each.
7. Internal choices are given wherever necessary.

SECTION : A

Q. No.	Questions	Marks
01	Which thermometer has a range from -10°C to 110°C ? (a) Clinical thermometer (b) Laboratory thermometer (c) Room thermometer (d) Digital thermometer	1
02	Which type of thermometer was widely used during the COVID-19 pandemic? (a) Mercury thermometer (b) Digital thermometer (c) Infrared thermometer (d) Laboratory thermometer	1
03	The temperature at which water boils is: a) 50°C b) 75°C c) 100°C d) 150°C	1
04	Which of the following best explains the water cycle? (a) Movement of water through rivers only (b) Circulation of water between earth and atmosphere (c) Storage of water in oceans (d) Use of water by plants	1
05	Why does evaporation cause cooling? (a) Molecules release heat (b) Molecules absorb heat (c) Molecules freeze (d) Molecules condense	1
06	What causes dew drops to form on leaves in the early morning? (a) Evaporation (b) Freezing (c) Condensation (d) Sublimation	1
07	Which of the following substances are commonly separated using the churning method? (a) Oil from water (b) Cream from milk (c) Sand from water (d) Oxygen from air	1

08	<p>Identify the method of separation :-</p>  <p>(a) Handpicking (b) Sieving (c) Magnetic separation (d) Winnowing</p>	1
09	<p>Which is not a requirement for germination of a seed?</p> <p>(a) favourable temperature (b) light (c) fertilizer (d) sufficient moisture</p>	1
10	<p>Which stage of mosquito life cycle is a resting, non-feeding stage?</p> <p>(a) Egg (b) Larva (c) Pupa (d) Adult</p>	1
11	<p>Which gas is essential for photosynthesis in plants?</p> <p>(a) Nitrogen (b) Oxygen (c) Carbon dioxide (d) Hydrogen</p>	1
12	<p>Which of the following helps in preventing soil erosion?</p> <p>(a) Deforestation (b) Afforestation (c) Overgrazing (d) Mining</p>	1
13	<p>Which planet has the largest number of satellites?</p> <p>(a) Jupiter (b) Saturn (c) Mercury (d) Mars</p>	1
14	<p>The Halley's Comet is seen after every</p> <p>(a) 76 months (b) 76 years (c) 56 months (d) 56 years</p>	1

SECTION : B

15	<p>Which process involves the production of new organisms of the same kind? Highlight its importance.</p>	1+1
16	<p>How does water in a puddle eventually disappear?</p>	2
17	<p>What is rainwater harvesting?</p>	2
18	<p>Write the importance of the Sun for life on Earth. (Any two)</p>	1+1

SECTION : C

19	<p>Aavi and Thirav took a glass tumbler half-filled with water containing few ice cubes and covered it with a small steel plate. After 30 minutes comment on the following observations :-</p> <p>(a) What gets collected on the outer surface of the glass tumbler? (b) What would happen to weight of the tumbler? (c) Does the water level in the glass tumbler go down?</p>	1+1+1
20	<p>Farmers beat harvested crops to separate grains from stalks.</p> <p>(a) Identify the method used. (b) Why is this method important?</p> <p>OR</p> <p>A student tries to separate salt from sugar using a sieve but fails.</p> <p>(a) Why does sieving not work here? (b) Suggest a suitable method for separating salt from water</p>	<p>1+2</p> <p>OR</p> <p>2+1</p>
21	<p>A dog breathes faster after running for some time.</p> <p>(a) Which life process is involved? (b) Why does the rate of breathing increase?</p> <p>OR</p> <p>Riya observed that a potted plant kept near the window bends towards sunlight after a few days.</p> <p>(a) Which characteristic of living beings is shown here? (b) Why does the plant show this behaviour?</p>	<p>1+2</p> <p>OR</p> <p>1+2</p>
22	<p>A city has many vehicles that release smoke into the air.</p> <p>(a) Which natural resource is getting polluted? (b) Mention one effect of this pollution on living beings.</p>	1+2
23	<p>Identify the constellations :-</p> <p>(a) A group of stars looks like a belt of three stars in a straight line. (b) A constellation looks like a big ladle or saucepan and helps in locating the Pole Star. (c) Which constellation is called the "Greater Dog" and is found near the Orion constellation?</p>	1+1+1

SECTION : D

24	<p>Riya was cooking rice at home. While washing the rice, she noticed small stones and dust mixed with the grains. She wanted to remove them before cooking.</p> <p>Questions:</p> <p>(a) Name the method Riya should use to remove stones from rice. (b) Explain the principle of this method. (c) What other household mixture can be separated using the same method? (d) Why is this method not suitable for separating salt from water?</p>	1+1+1+1
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25	<p>Lizard Running Away from Danger</p> <p>A lizard was resting on a wall. When a cat approached, it ran away quickly.</p> <p>Questions :-</p> <p>(a) Which characteristics of living beings are shown here?</p> <p>(b) How does this response help the lizard?</p> <p>(c) Name another example of movement in living beings.</p> <p>(d) Can non-living things move like this on their own? Explain.</p>	1+1+1+1
26	Draw the water cycle and explain its stages.	2+3
27	Draw the life cycle of a frog and explain each stage.	2+3
28	<p>Identify the planet from the given clues.</p> <p>Clues:</p> <p>Rocky, second planet from the Sun</p> <p>Atmosphere mostly carbon dioxide</p> <p>Very hot surface</p> <p>Tasks:</p> <p>(a) Identify the planet.</p> <p>(b) Explain why it is hotter than Mercury.</p> <p>(c) Classify as inner or outer planet.</p> <p>(d) Draw the planet and label it.</p> <p>(e) Why is it known as the Morning or the Evening star?</p>	1+1+1+1 +1
