KENDRIYA VIDYALAYA SANGATHAN, HYDERABAD REGION
SAMPLE PAPER 03 FOR SESSION ENDING EXAM (2017-18)

SUBJECT: SCIENCE

BLUE PRINT FOR SESSION ENDING EXAM: CLASS VI

<table>
<thead>
<tr>
<th>CHAPTERS</th>
<th>FITB</th>
<th>MCQ</th>
<th>VSA (1 mark)</th>
<th>SA-I (2 marks)</th>
<th>SA-II (3 marks)</th>
<th>LA (5 marks)</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Organisms and their surroundings</td>
<td>2(2)</td>
<td>1(1)</td>
<td>1(2)</td>
<td>1(3)</td>
<td>1(5)</td>
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<td>6(13)</td>
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<tr>
<td>Motion and measurement of distances</td>
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<td>1(1)</td>
<td>1(2)</td>
<td>1(3)</td>
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<td>4(7)</td>
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<tr>
<td>Light, shadows and reflections</td>
<td>2(2)</td>
<td>1(1)</td>
<td>1(2)</td>
<td>1(3)</td>
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<td>5(8)</td>
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<tr>
<td>Electricity and circuits</td>
<td>1(1)</td>
<td>2(2)</td>
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<td>1(3)</td>
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<td>4(6)</td>
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<td>Fun with magnets</td>
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<td>2(2)</td>
<td>1(2)</td>
<td>1(3)</td>
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<td>5(8)</td>
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<tr>
<td>Water</td>
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<td>1(1)</td>
<td>2(4)</td>
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<td>1(5)</td>
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<td>5(11)</td>
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<td>Air around us</td>
<td>1(1)</td>
<td>1(1)</td>
<td>1(2)</td>
<td>1(3)</td>
<td>--</td>
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<td>4(7)</td>
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<tr>
<td>Garbage in garbage out</td>
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<td>1(2)</td>
<td>1(3)</td>
<td>1(5)</td>
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<td>5(12)</td>
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<tr>
<td>Getting to know plants</td>
<td>--</td>
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<td>1(3)</td>
<td>1(5)</td>
<td></td>
<td>2(8)</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>10(10)</strong></td>
<td><strong>10(10)</strong></td>
<td><strong>8(16)</strong></td>
<td><strong>8(24)</strong></td>
<td><strong>4(20)</strong></td>
<td><strong>40(80)</strong></td>
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</tbody>
</table>

FITB – Fill in the Blank, MCQ – Multiple Choice Questions, VSA – Very Short Answer Type Questions, SA – Short Answer Type Questions, LA – Long Answer Type Questions

Note: Getting to know plants (10% i.e. 8 marks) of 1st term syllabus covering significant topics/chapters have taken as per CBSE guidelines.

MARKING SCHEME FOR SESSION ENDING EXAM

<table>
<thead>
<tr>
<th>SECTION</th>
<th>MARKS</th>
<th>NO. OF QUESTIONS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSA</td>
<td>1</td>
<td>24</td>
<td>24</td>
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<tr>
<td>SA – I</td>
<td>2</td>
<td>11</td>
<td>22</td>
</tr>
<tr>
<td>SA – II</td>
<td>3</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td>LA</td>
<td>5</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td><strong>80</strong></td>
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</tbody>
</table>
GENERAL INSTRUCTIONS:
(i) All questions are compulsory.
(ii) This question paper contains 30 questions divided into four Sections A, B, C and D.
(iii) **Section A** comprises 10 Fill in the Blanks Questions and 10 Multiple Choice Questions, each of 1 mark. **Section B** comprises 8 questions of 2 marks each. **Section C** comprises 8 questions of 3 marks each and **Section D** comprises 4 questions of 5 marks each.

**SECTION – A (1 mark each)**

**FILL IN THE BLANKS: (10 MARKS)**
1. Sea animals like dolphins and whales breathe through ________.
2. One metre is equal to ________________ millimetres.
3. All bodies which emit light energy by themselves are called __________________________ bodies.
4. The path along which the light travels in a given direction is called a ________________ of light.
5. ________ device is used to break a circuit.
6. An electric cell has two terminals, one is called ________________, while the other is called ________________.
7. Sailors use __________ to know the direction.
8. Lack of rains may cause ________________.
9. Aquatic organisms take air dissolved in the ________________ .
10. We produce tons of waste or __________ every day.

**MULTIPLE CHOICE QUESTIONS: (10 marks)**
11. Which of these adaptations is not shown by a camel for living in deserts?
   (a) It has a hump on its back.      (b) It passes scanty of urine.
   (c) It perspires a lot.            (d) The sole of feet have sort of pads.

12. The stem of a cactus plant is fleshy and swollen to
   (a) perform photosynthesis         (b) retain water
   (c) release water                  (d) none of these

13. A kite flying in the sky has motion of the type
   (a) Linear                        (b) Random
   (c) Curvilinear                   (d) Periodic
14. Which of the following is a non-luminous body?
   (a) Moon            (b) Sun            (c) Bulb            (d) Burning candle

15. Which of the following does not allow the electric current to pass through it?
   (a) Bakelite rod    (b) Copper rod    (c) Brass rod       (d) Iron rod

16. Naturally occurring stone having properties of magnet is known as _____________
   (a) hematite        (b) bauxite      (c) magnetite/lodestone (d) gemstone

17. A freely suspended magnet points in
   (a) North - West direction  (b) North - South direction
   (c) South - North direction (d) South - West direction

18. ________________ is caused by floods:
   (a) Cracking          (b) Erosion       (c) Hardening       (d) Drying up

19. Which component of air supports burning ?
   (a) Oxygen           (b) Nitrogen      (c) Carbon dioxide   (d) None of these

20. This is the process by which complex substances are broken down into simple ones by the action of microorganisms.
   (a) Photosynthesis   (b) Digestion     (c) Decomposition   (d) Evaporation

SECTION – B (2 marks each)

21. What is lateral inversion?

22. What is underground water?

23. What is a windmill? Mention its use.

24. What are the two main categories of habitats?

25. Give two examples each of periodic and non-periodic motion.

26. How do you define magnetism?

27. Classify the following as biodegradable and non-biodegradable:
   Vegetable peel, leather belt, paper, plastic mug, polythene bag, glass bottle, a piece of apple,
   tea leaves, discarded switch.

28. Differentiate between: Evaporation and condensation

SECTION – C (3 marks each)

29. How will you convert an iron strip, into a magnet?

30. Why should we recycle paper?

31. Explain the structure of a stamen with help of a well labelled diagram.

32. How can you show that plants response to stimuli?

33. Name the different types of translatory motion. Explain each in brief.
34. What are the two regions of a shadow? How are they different from one another?
35. What is a switch? Write its function.
36. List all the components of air.

SECTION – D (5 marks each)

37. How will you test whether sunlight is necessary for the preparation of food by plants or not?
38. What are clouds? Explain the formation of clouds.
39. Plastics are necessary evils. Give three points each in favour of and against the use of plastics.
40. Match the columns.

<table>
<thead>
<tr>
<th>Column I</th>
<th>Column II</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Autotrophs</td>
<td>(i) a place with many trees and plants</td>
</tr>
<tr>
<td>2. Heterotrophs</td>
<td>(ii) a place where living organisms live</td>
</tr>
<tr>
<td>3. Forest</td>
<td>(iii) live in water</td>
</tr>
<tr>
<td>4. Habitat</td>
<td>(iv) all animals</td>
</tr>
<tr>
<td>5. Aquatic</td>
<td>(v) all green plants</td>
</tr>
</tbody>
</table>