

SAMPLE PAPER, 2019-20

Class -6

Subject- Science

Time - hrs.

M.M.- 80

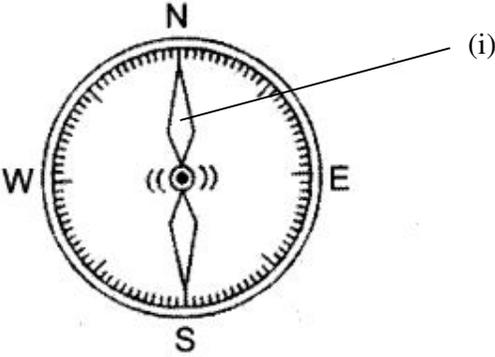
Name of student _____ Section _____ Date- (day)

General Instructions:

1. The question paper comprises three sections - A, B and C. Attempt all the sections.
2. All questions are compulsory
3. Internal choice is given in each section.
4. All questions in section A are one-mark questions. They are to be answered in one word or in one sentence
5. All questions in section B are three-mark, short-answer type questions. They are to be answered within 50-60 words each.
6. All questions in section C are five-mark, long-answer type questions. They are to be answered within 80-90 words each.
7. This question paper consist of a total of 20 questions.
8. Draw the diagram wherever required/asked.

<u>SECTION A</u>		
Q.1	Multiple choice questions. (i) An aloe vera plant is - (a) a herb (b) a shrub (c) a tree (d) None of these (ii) Forelimbs of bird are modified into (a) feathers (b) wings (c) hollow bones (d) beak (iii) Dolphins and whales breath through (a) blowholes (b) fins (c) gills (d) None of these (iv) Which of the following is not a unit of distance? (a) Metre (b) Feet (c) Kilogram (d) Kilometer (v) Which of the following is a non-luminous object? (a) Sun (b) Eraser (c) Lamp (d) tubelight	(5)
Q.2	Match the columns. Column I (a) Cell (b) Filament (c) Graphite (d) cactus (e) snow bear Column II (i) desert plant (ii) conductor (iii) found on mountain (iv) Produce electricity (v) glows	(5)
Q.3	Fill up the blanks.	(5)

	<p>(a) The glowing part of the bulb is</p> <p style="text-align: center;">Or</p> <p>Metals are..... of electricity.</p> <p>(b) Motion of wheel of a bicycle is motion.</p> <p>(c) Plants give out oxygen gas during a process called</p> <p>(d) A magnet always has poles.</p> <p>(e) The process of changing water vapour into water is called.....</p>	
Q.4	<p>Correct the following statements and rewrite them.</p> <p>(a) Plant consumes carbon dioxide for respiration.</p> <p style="text-align: center;">Or</p> <p>Air does not occupy any space.</p> <p>(b) Water vapour is present in the air only during the monsoon.</p> <p>(c) The shadow of yellow rose is yellow in colour.</p> <p>(d) The cartilages are harder than bones.</p> <p>(e) Cactus plant has broad, thin leaves.</p>	(5)
	<u>SECTION B</u>	
Q.5	What is leaf venation? Write two differences between reticulate and parallel venation.	(3)
Q.6	<p>(a) What is ribcage?</p> <p>(b) Which is cartilage? Where it is found in human body?</p>	(1+2)
Q.7	<p>(a) What is stimuli? Give one example.</p> <p>(b) Define excretion.</p>	(2+1)
Q.8	<p>(a) Give two example of periodic motion.</p> <p>(b) The distance between Radha's home and her school is 3250 m. Express this distance into km.</p>	(1+2)
Q.9	<p>(a) State two properties of light .</p> <p>(b) How are shadows formed?</p>	(1+2)
Q.10	<p>When does drought occur?</p> <p style="text-align: center;">Or</p> <p>Ground water should be used judiciously. Why?</p>	(3)
Q.11	Why should an electrician use rubber gloves while repairing in electric switch at your home?	(3)

Q.12	What is the composition of air?	(3)
Q.13	How will you show that air is dissolved in water?	(3)
Q.14	Draw and label the following diagram. (any one) (a) An electric bulb (b) Electric cell	(3)
<u>SECTION C</u>		
Q.15	(a) What are the functions of skeleton system? (b) The skeleton of cockroach is called exoskeleton. Do you agree? Explain.	(3+2)
Q.16	(a) Explain, why speed is important for survival of grasslands for animals that live there? (b) What are the specific features present in the deer that help it to detect the presence of the predators like lion?	(3+2)
Q.17	(a) Is air around us always transparent? (b) State two conditions in order to observe the shadow?	(3+2)
Q.18	Explain rooftop rainwater harvesting with suitable diagram. Or Describe water cycle with diagram.	(5)
Q.19	(a) Why do mountaineers carry oxygen cylinder with them? (b) Write any three uses of windmill. Or (a) How do plants and animals help each other in exchange of gases in the atmosphere? (b) Name two sources of carbon dioxide in the air.	(5)
Q.20	Answer the following questions on the basis of the diagram given below.  (a) Name the device. (b) Identify the component (i). (c) The device always points towards north-south direction. True or false? (d) How is a compass used to find directions?	(1+1 +1+2)