

KENDRIYA VIDYALAYA JYOTIPURAM**SEE EXAMINATION (2024-25)****SAMPLE PAPER****CLASS: VI****SUBJECT: SCIENCE****TIME: 2.5 Hours****MM: 60 marks****General Instructions:**

1. This Question Paper has 5 Sections A - E.
2. Section A has 12 MCQs carrying 1 mark each.
3. Section B has 5 questions carrying 2 marks each.
4. Section C has 5 questions carrying 3 marks each.
5. Section D has 2 questions carrying 4 marks each.
6. Section E has 3 questions carrying 5 marks each

Q.NO	SECTION-A	MARKS
1.	What the temperature of normal healthy human being? a) 35 ⁰ celsius b) 37 ⁰ celsius c) 34 ⁰ celsius d) 30 ⁰ celsius	1
2.	Sand and water is separated by a) Sieving b) Evaporation c) Filtration d) Sedimentation and decantation	1
3.	Which is the brightest star ? a) sun b) moon c) Sirius d) Proxima Centauri	1
4.	Digital thermometer measures temperature using which sensors? a) Light sensors b) Sound sensors	1

	c) Heat sensors d) Pressure sensors	
5.	What was Anna Mani known for? a) developing the kelvin scale b) creating the first digital thermometer c) contributions to meteorology and weather instruments d) discovering infrared thermometers	1
6.	Which of the following can be converted into liquid form? a) Stone b) Wax c) Wood d) Glass	1
7.	Which one is not hard to touch? a) Ice b) Wax c) Water d) stone	1
8.	What purpose does handpicking serve in the process of separation? a) Filtration b) Sorting c) Evaporation d) decantation	1
9.	The term "blue planet" indicate presence of- a) land b) water c) oxygen d) all of these	1
10.	Full form of CNG is- a) Compressed natural gas	1

	b) control gas c) compressed petroleum gas d) none of the above	
11.	Which of the following does not grow? a) Tree b) Pencil c) Baby d) butterfly	1
12.	An organism that is fully grown is called- a) A Pupa b) A larva c) An adult d) A nymph	1
	SECTION-B	
14.	List the conditions for the germination of seeds.	2
15.	Why do we say that petroleum is non- renewable resource?	2
16.	Draw a well labelled life cycle of frog.	2
17.	During the COVID-19 pandemic, all of us wore masks. Generally what materials are they made of? What is the role of these masks?	2
18.	Give examples of liquids other than water, which evaporate.	2
	SECTION-C	
19.	List four activities that are possible due to the presence of air.	3
20.	What are the similarities and differences in life cycle of plants and animals.	3
21.	Name the method of separation- a) Iron powder mixed with sawdust b) Oil mixed with water c) Corn mixed with potatoes	3
22.	Classify the following as renewable and non-renewable natural resources- coal, natural gas, forest and minerals.	3

23.	What is water cycle? Draw a well labelled diagram of water cycle.	3
	SECTION-D	
24.	On a winter sunday afternoon, Ruchi and her friends collected different items from their houses. They collected sugar, salt, mustard oil, sand, sawdust, honey, chalk powder, soil, glucose and wheat flour. They tried to mix each of the materials into water and observed certain changes. Some of them were soluble, and some were not soluble in water. Certain materials were floating on the surface of water and few of them sank into the bottom. They also classified the items on the basis of appearance that is hard and soft. They recorded all their observations in the notebook. Q. 1. Items which dissolve in water are called _____. (a) Soluble (b) Insoluble (c) Mixer (d) Soft Q. 2. Which of the following is/are hard on the basis of appearance: (a) Honey (b) Mustard oil (c) Sand (d) Both a and b Q. 3. Consider the following statements about sugar: (A) It is soluble in water. (B) It is opaque in nature. (B) It is lustrous. (C) It is made up of metal. The correct statements are: (a) (A) (b) (B) (c) (C) (d) (A), (B) and (D)	4

	Q.4. Give examples of soluble and insoluble materials.	
24.	Assertion - Reasoning based questions. These consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below: (a) Both A and R are true and R is the correct explanation of A (b) Both A and R are true and R is not the correct explanation of A (c) A is true but R is false (d) A is False but R is true 1.Assertion- clinical thermometers are used for measuring the temperature of boiling water. Reason- clinical thermometers have a limited range suitable only for measuring human body temperature 2.Assertion-digital thermometers are replacing mercury thermometers. Assertion- mercury is a toxic substance, and digital thermometers provide easier-to-read thermometers. 3. Write difference between clinical and laboratory thermometer.	4
	SECTION-E	
25.	a) Write difference between stars and planets. b) What is another name of Pole star? c)Which is the hottest planet?	5
26.	a) What is the advantage of having a tail in tadpole stage? b) Write the characteristics if living beings.	5

27.	a) What is Sabarmati ashram famous for? Define- threshing, winnowing, sieving	5
-----	---	---