

KENDRIYA VIDYALAYA SANGATHAN, LUCKNOW REGION

SESSION ENDING EXAMINATION-2018-19

KVS LUCKNOW REGION

CLASS-8

Time: 2.30 Hrs

SUBJET: SCIENCE

M.M. 80

Instructions:

- All Questions are Compulsory.
- Question No. 1 & 2 consist of ten parts, one marks each.
- Question No. 3 to 10 very short answer types, two marks each and to be answered in one line.
- Question No. 11 to 18 short answer type, three marks each.
- Question No. 19 to 22 Long answer types, five marks each.

1. Fill in the blanks:

- a. Amoeba is _____ organism.
- b. Cholera is caused by _____.
- c. The north pole of a magnet _____ the north pole of another magnet.
- d. Friction produces _____.
- e. The unit of frequency is.....
- f. The passage of an electric current through a solution causes _____ effects.
- g. A person 1 m in front of a plane mirror seems to be _____ m from his image.
- h. The planet which is farthest from the Sun is _____.
- i. The planet which appears reddish in colour is _____.
- j. Water which is suitable for drinking is called _____ water.

2. Select the most appropriate answer:

a. Which of the following can be beaten into thin sheets?

- i. Zinc (ii) Phosphorus (iii) Sulphur (iv) Oxygen

b. Yeast is used in the production of

- i. Sugar.
ii. Alcohol.
iii. HydroChloric Acid.
iv. Oxygen.

c. Chloroplast is present in

- (i) Plant Cell (ii) Animal Cell
(iii) Fungi (iv) None of these

d. Four children were asked to arrange forces due to rolling, static and sliding frictions in a decreasing order. Their arrangements are given below. Choose the correct arrangement.

- i. Rolling, static, sliding
ii. Rolling, sliding, static
iii. Static, sliding, rolling
iv. Sliding, static, rolling

e. Which of the following voices is likely to have minimum frequency?

- i. Baby girl (ii) Baby boy (iii) A man (iv) A woman

f. A cell has charge

- i. Positive only ii. Negative only iii. Both iv. No charge

g. Which of the following cannot be charged easily by friction?

- i. A plastic scale
ii. A copper rod
iii. An inflated balloon
iv. A woollen cloth.

h. Angle of incidence is equal to the angle of reflection

- i. Always ii- Sometimes
iii- Under special conditions iv- Never

- I. Which of the following is NOT a planet of the sun?**
- i. Sirius
 - ii. Mercury
 - iii. Saturn
 - iv. Earth
- J. Which of the following is not a greenhouse gas?**
- i. Carbon dioxide
 - ii. Sulphur dioxide
 - iii. Methane
 - iv. Nitrogen
3. Give two differences between a Plant and animal Cell.
4. Give two examples of situations in which applied force causes a change in the shape of an object.
5. Why sportsmen use shoes with spikes.
6. Write four sources of noise pollution in your surroundings.
7. Write two measures to protect ourselves from lightning.
8. State the laws of reflection.
9. Name two objects other than planets which are members of the solar system.
10. What are the different ways in which water gets contaminated?
11. Why, Aluminum Foil is used to wrap the food items?
12. Where are the Chromosomes are found in a Cell? Write their function?
13. What are the major groups of microorganisms?
14. Write three differences between Metals and Non metals?
15. Differentiate between Prokaryotes and eukaryotes?
16. Give examples to show that friction is both a friend and a foe.
17. A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency.
18. Why the beauty of the Taj Mahal is under threat.

19. Draw a labeled sketch of the human eye.

OR

Draw a labeled sketch of the Lightning Conductor.

20. Draw the diagram of Nitrogen cycle.

21. a) Does pure water conduct electricity? If not, what can we do to make it conducting?

b) Is it safe for the electrician to carry out electrical repairs outdoors during heavy downpour? Explain.

22. Define the followings:

- a. Earthquake**
- b. Electroscope**
- c. Richter Scale**
- d. Lightning conductor**
- e. Tsunami**
