



PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)
Jaitpur, Badarpur, New Delhi-44

Annual Examination Sample Paper -2022-23

Time: **Subject: Science** **Class: V** **M. Marks:- 50**
Name..... **Roll No.**..... **Section** **Date:**

Q1- Choose correct answer (1x4=4)

I) To clean a blocked nose we must inhale

- a- Perfume
- b- Ice
- c- Steam
- d- None of these

II) The most readily available source of energy is

- a- Wind energy
- b- Solar energy
- c- Geothermal energy
- d- Water energy

III) The gas is present in air in the maximum percentage

- a- Oxygen
- b- Carbon dioxide
- c- Nitrogen
- d- Argon

IV) The first artificial satellite launched by India in 1975 was

- a- Sputnik I
- b- Aryabhata

c- Charaka

d- Insat

Q2- Fill in the blanks (1x4=4)

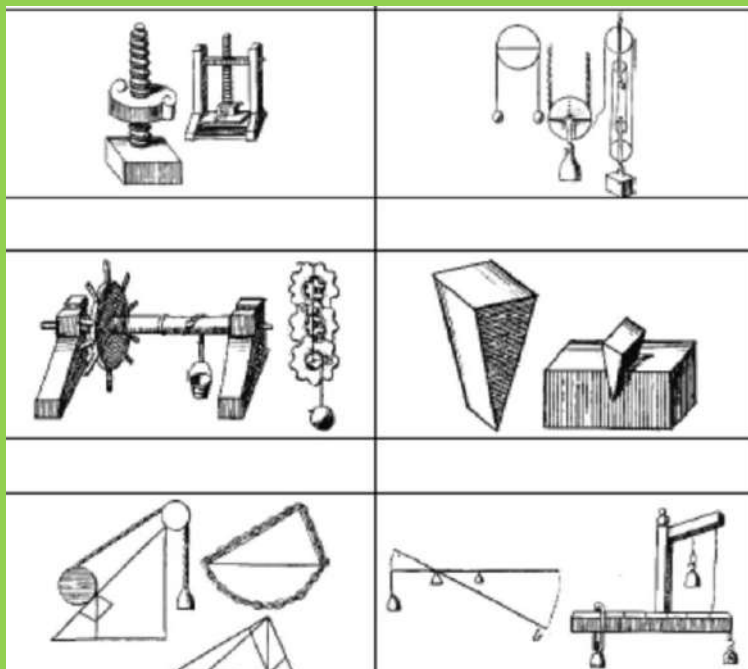
- I) The uppermost layer of the earth is called _____.
- II) Tides are caused in the oceans due to the _____ pull of the moon.
- III) The earth's atmosphere is a blanket of _____.
- IV) When the fulcrum is in between the load and the effort it is a _____ class lever.

Q3- Write T for true or F for false.(1x3=3)

- I) The liquid that comes out of a volcano is called lava.
- II) A person who goes into space is called an astronaut.
- III) The system that controls the other systems is called the respiratory system.

Q4- Give Answer in one word (1x3=3)

- I) Name any one process that is used to remove insoluble impurities from water.
- II) Name a gas which present in air and need for breathing.
- III) Name a simple machine which are used to hold things tightly.



Q5- Define the following (any two)(1x2=2)

I) motor nerves

II) Simple machine

III) lever

Q6- Choose the odd one out of the following.(1x3=3)

I)

a) Earthquakes

b) Tsunami

c) Tidal waves

d) distillation

II)

a) Aryabhata

b) Bhaskara

c) lever

d) Rohini

III)

a) cerebrum

b) nerves

c) cerebellum

d) medulla

Q7- write the difference between the following(any two)(2x2=4)

I) Sensory nerves and motor nerves

II) Second class lever and third class lever

III) Natural satellite and artificial satellite



Q8-Give reason for the following.(1x2=2)

I) Why is air important for us?

II) Why should drinking water be purified?



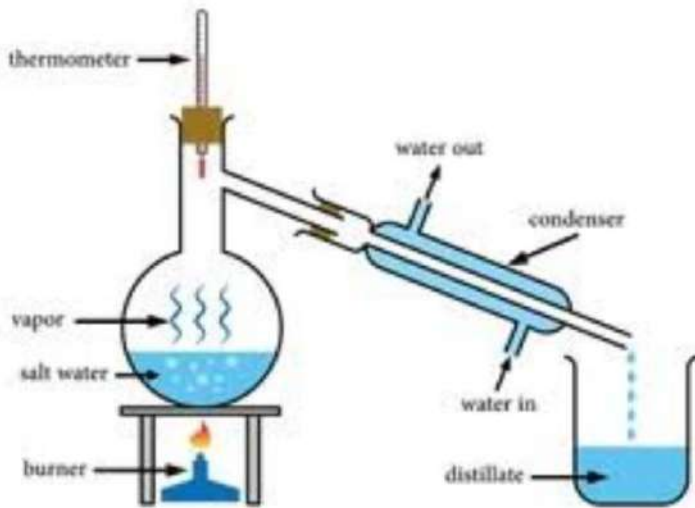
Q9- Answer the following (very short)(1x3=3)

I) What is an inclined plane?

II) Which part of the body enable us to keep our balance?

III) Write any one use of distilled water.

Simple Distillation



Q10- Answer the following (short answer)(2x3=6)

- I) Why does the moon shine?**
- II) What is a reflex action ?**
- III) What is filtration?**

Q11-Answer the following (long answer) (any two)(3x2=6)

- I) How is Solar eclipse formed?**
- II) How do volcanoes erupt? Name three types of volcanoes.**
- III) What is drought? Name the conditions that can cause a drought.**



Q12-Hots questions(do any one)(2x1=2)

- I) Empty bottles of mineral water should be crushed before throwing them into the dustbin. Why?**
- II) Sometimes earthquakes cause fires.How?**

Q13- Unscramble the following(1x2=2)

- I) R T H E A Q U K E A**
- II) D U M E L L A**

Q14- What do you mean by pollution? How can we prevent pollution of air? (3)



Q15- Draw a well labelled diagram of the human eye. .(3)