

J.K.G. International school. Vijay Nagar
Summative Assessment – 2(2016-2017)
CLASS –IV

Science Sample Paper

M.M- 60

Q1. Multiple choice questions-

1x10=10

- a) An Instrument to see things which can not be seen with naked eyes.
1) Microscope 2) Magnifying glass 3) Mirror
- b) The soft egg becomes hard because of _____ of the water.
1) Freezing 2) Evaporation 3) Boiling
- c) _____ make our work easier.
1) Food 2) Machines 3) Chemicals
- d) Invisible force applied by earth on all objects.
1) Gravity 2) Muscular Force 3) Frictional force
- e) _____ burnt to produce heat
1) Metal 2) Fuel 3) Glass
- f) Only planet that has life
1) Mercury 2) Venus 3) Earth
- g) Natural satellite of earth is _____
1) Moon 2) Ceres 3) Pluto
- h) Precipitation in the form of Icy ball
1) Hail 2) Snow 3) Sleet
- i) Red planet of solar system _____
1) Venus 2) Mars 3) Jupiter
- J) Spinning motion of earth on its axis
1) Rotation 2) Revolution 3) Circulation

Q2) Fill in the blanks

1x5=5

- a) Jupiter is the _____ Planet of solar system.
- b) Amount of water vapours present in air is called _____
- c) The heat and light energy of sun is called _____.
- d) Simple machines are of _____ types.
- e) _____ is composed of tiny particles.

Q3) True or False against the statement-

1x5=5

- a) Liquids can expand to some extent.
- b) The force applied by muscles is called gravity.
- c) During day time air is warmer over water bodies .
- d) Larger the evaporating surface area, higher the rate of evaporation .
- e) Sleet is a form of precipitation.

Q4) Match the following-

1x5=5

- | | |
|-------------------------------|-------------------|
| a) Flat slanting surface | 1) Kinetic energy |
| b) Push or Pull | 2) Transpiration |
| c) Moving car | 3) Inclined plane |
| d) Blanket of air | 4) Force |
| e) Release of water by plants | 5) Atmosphere |

Q5) Answer the following questions.

1x8=8

- a) Give an example in which matter changes its form .
- b) What is force ?
- c) What is a simple machine ?
- d) Name the energy that we can sense by our eyes only.
- e) Give an example to save energy.
- f) Name the factors that affect the rate of condensation .
- g) What is water cycle ?
- h) Which heavenly body is placed at the centre of the solar system ?

Q6) Answer the following questions-

2x6=12

- a) Define the force that is used by a weight-lifter.
- b) When is work said to be done?
- c) What is kinetic energy?
- d) What is the importance of atmosphere ?
- e) Define sea breeze .
- f) What is milky way ?

Q7) Answer the following questions

3x2=6

- a) What is the rate of evaporation? List the factors that affect the rate of evaporation.
- b) What is solar system? How many planets are there in the solar system? Write names.

or

What is the difference between rotation and revolution? Give the time period of the rotation of the earth.

Q8) Answer the following questions.

3+3= 6

- a) Give one property each of solid, liquid and gas .
- b) Draw the arrangement of particles in solid, liquid and gas.

Q9)Value based questions

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One day Himanshu asked his father to take him outside in car. When traffic signal turns red he observed that engines of all vehicles were running, so he asked his father to stop the engine.

- 1) What is Fuel ? 2) What value do you learn from Himanshu ?