

JASWANT MODERN SR.SEC.SCHOOL CLASS 5 SUB-SCI SET- A WINTER PRACTICE WORKSHEET

Q1. Answer the following questions:

a. Malnutrition is different from under nutrition. How? b. Write about any two problems that we face in our daily life due to frictional force. c. In which states of India is coal and petroleum found? d. Discuss some methods for purifying water. e. What is the use of ozone layer? Why should ozone layer be prevented against depletion? f. How is soil formed? g. How is man responsible for soil erosion? h. Why is our lower jaw not immovable? i. What should we do to protect ourselves from dengue. j. Name any six simple machines you see in your school. k. Name any five trees you see in your school campus.

Q2. Define:

a. Cardiac muscle b. Volcano c. Rocks d. Minerals e. Environment f. Friction g. Work
h. Adaptation i. Habitat j. Proboscis k. Roughage l. Hibernation m. Moulting

Q3. Differentiate between:

b. Ligaments and tendons. b. Water borne diseases and air borne diseases c. Sedimentation and decantation d. Soil erosion and soil conservation. e. Pulley and screw f. Frictional force and gravitational force. g. Gravitational force and geothermal Energy. h. Potential energy and kinetic Energy. i. Metallic minerals and Non metallic minerals

Q4. Give reason

a. We should conserve our natural resources. b. We use lever to lift a heavy stone with less force. c. Rice is an example of kharif crop. d. Dispersal of seed is important e. People find difficult to move their body in old age. f. We should take care of our hygiene. g. Dolphin is a mammal but lives in water. h. We must boil milk before drinking. i. We should not see solar eclipse the naked eyes. j. Malnutrition is different from under nutrition. k. Atmosphere is essential. l. Man is responsible for soil erosion. m. We should not cut trees. n. Pumice can float on water.

Q5. Give two examples of each:

a. Sources of Calcium. b. sources of Iron. c. Reproduction in plants. d. Rocks. e. Green house gases
f. Communicable diseases. g. Layers of atmosphere h. Microbes l. Nerves. j. Matter. k. Lever.
l. Wedge m. Pulley. n. Wheel and axle o. Screw. p. Inclined plane. q. Metalloids minerals r. Non metallic minerals. s. Fuels. t. Eclipses. u. Natural Disasters

Q6. Write true or false:

a. Polluted air causes asthma and bronchitis. () b. Bin composting can be done in households. ()
c. DDT and plastics are biodegradable. () d. Cyclones can be controlled by human beings. e. Drought causes scarcity of water. () f. Floods causes damage to buildings and roads. () g. Solar eclipse occur on new moon day. () h. Planets move in fixed path. () i. The craters on the moon reveals the history of the moon. () j. The main component of air is oxygen. ()

Q7. Choose odd one out:

a. Malaria, Rabies, Chickenpox, Common cold. f. Bryophyllum, Rose, Sugarcane, Hibiscus
b. Camel, Rattle snake, Buffalo, Fox g. Deforestation, Overgrazing, Afforestation, Dams
c. Polar bear, Octopus, Seal, Jellyfish. h. Salt, Sugar, Chalk powder, Turmeric
d. Granite, Obsidian, Conglomerate, Pumice i. Straw, Handpump, Filtration, Syringe
e. Mica, Quartz, Feldspar. Calcite j. Kite, Parachutes, Balloon. Bird

Q8. Write the name of given food items on the basis of nutrient present in them (pulses, sugar, ghee, green vegetables, milk, fish, meat, Sprouts, nuts, albumen, yolk, eggs, jaggery, rice, wheat, potato, tomato, common salt, fruits)

| <u>Vitamins</u> | <u>Minerals</u> | <u>Carbohydrates</u> | <u>Fats</u> | <u>Proteins</u> |
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Note- Do this worksheet in separate notebook

JASWANT MODERN SR.SEC.SCHOOL CLASS 5 SCIENCE SET- B WINTER PRACTICE WORKSHEET

Q1.Guess who am I:

1.I am made of a thin layer of air where Earth's gravity is very weak. 22 .I am the layer where aeroplanes fly. 3.Space shuttles orbit in my layer. 4.I am universal solvent. 5.I am a force that stops the motion. 5.I am an Iron ore . 6.My molecules are loosely packed. 7.I am outermost layer of an eye. 8.I am a nerve that connects nose to brain. 9.I am present in human eye and images form on me. 10.I am a joint present in elbow. 11.I am a jaw that is movable. 12.I am a plant that grows through stem. 13.I am a plant that grows through root. 14.I am a nocturnal animal. 15.I am a diurnal animal. 16.I am.an insectivorous plant. 17.I am used to measure earthquake.

Q2.Fill in the blanks:

1..... Helps in nitrogen fixation. 2.Common salt is a rich source of..... 3.Virus is found in..... 4..... is dispersed by explosion. 5.....changes are temporary. 6.....has no definite shape. 7.The scientists who study about the earth is called 8..... Is a rock that can float on water. 9.Earth' gravity is weak in.....layer. 10.....helps in burning. 11.....do not support burning. 12.Earth day is celebrated on.....April every year. 13.There are bones in human body. 14.Bhakra Nagal Dam is in..... 15..... Is the topmost layer of the soil. 16. There are more than.....active volcanoes in the world. 17.Ring of fire is present in..... ocean. 18.....is a rock formed by lava. 19.....is best quality of coal. 20..... is valuable nene metallic mineral that provide our energy supply. 21..... is also called black gold. 22.spiracles are seen in..... 23..... Stops the moving objects. 24.A fan runs on.....energy.

Q3.Write full form of:

1.NASA. 2.WHO. 3.SHG. 4.UNDMT. 5.ISRO. 6.UNESCO. 7.UNICEF. 8.NGO

Q4.Name the mineral/ ore present in given metal: Haematite, Bauxite, Cinnabar, Zinc blende, Pyrite

Q5.Write any 10 amazing facts of science.

Q6.With the help of examples explain how is science important in our life.

Q7.Anju's school set up a recycle unti for degradable things in one corner of the school :

a.Do you think that it is going to help the school?

b.What are the things which can be recycle ? List at least 10 things

Q8.Name these:

a.Layer of soil consisting of small rock and soil particles. b.Planting trees on large scale. c.Layer of atmosphere where aeroplanes fly. d.The chemical used to kill the germs present in water. e.Boiling point of water. f.Energy present in moving objects. g.Rocks formed by solidification of lava. h.People who study about the Earth. i.Low wall of mud and stone. J.Growing different crops in the same field. k.Purest form of water. l.Coldest layer of atmosphere. m.Chemical symbol of ozone. n.Most abundant gas in nature. o.Scientist whe discovered gravitational force. p.Deposition of fine accumulated silt and clay in a still water body. q.Freezing point of water r.Substance that dissolve in liquid. s. Liquid in which solute dissolve. t.Universal solvent. u.Decayed organic matter rich in humus in the soil. v.Causes of noise pollution.

Q9.Collect some information about composition and extraction of LPG gas that we are using in the kitchen What precautions should be taken while using LPG at home.

Q10.Collect information and write about different embankment.Also write the type of crops grown in hilly area.

Q11.People's careless activities have increased the chances of some natural calamities like floods and drought. Find out and write about these activities.

Note- Practice this worksheet work Final exam