

BCM School Basant Avenue Dugri

Class -V Subject – Science

December Assignment

Ch-8 Simple Machines Ch -9 Air Around Us

Ch-10 Light and Shadow Ch-11 Natural Calamities

Q 1 MCQ

1 Mohan observed, a man was lifting a huge car very easily with the help of a simple machine

Can you guess the type of machine ?

a) Screw b) Wheel and Axle c) Screw Jack

2 When we blow air into a balloon, it turns bigger and bigger. Which property of air does it show?

a) Air occupy space b) Air exerts pressure

c) Air has weight

Q 2 Assertion -Reason questions – Select the correct option

Assertion- When the rubber bulb of dropper of medicine bottle is pressed ,the air is pressed out.

Reason – There is creation of high pressure in it.

a) A and R both are correct

b) A and R both are incorrect

c) A is correct but R is incorrect

d) R is correct but A is incorrect

Q 3 Answer the following questions (competency based)

a) What type of help can be provided by community for victims of natural disasters?

b) Why are we not able to see shadows of birds or kites flying in the sky?

c) Distinguish Natural and Artificial satellites with examples

Q4 Why do tides occur? What does it result?

Give any 2 examples of worst Tsunamis.

Q 5 Read the following passage understand it. (Draw the diagram and explain in your words)

Sometimes the Moon comes between Sun and the Earth during its revolution around the earth .It causes a shadow on certain portion on the Earth. It becomes dark during the daytime at some places.

Q 6 Case Study - Answer the following questions



In the figure load is to be lifted in upward direction and the rope is pulled in the downward direction .So by changing the direction of force it becomes easier to lift a bucket of water.

1 Name two types of pulley.

2 Write any 2 examples of each type of Pulley.

