



PHOENIX PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

Seat No. :

EXAM : Revision

DATE : FA-4

STD. / CLASS : 5th

SUBJECT : Science

MAIN 1 + Supplements _____ = TOTAL _____

Supervisor's Sign.

Examiner's Sign.

Ques. No.	Total Marks	Marks Obtain
1		
2		
3		
4		
5		
6		
7		
8		
TOTAL		

Write From Here / અહીંથી લખજું.

Q.1 m.c.Q.

[10]

1. coal is formed from dead _____

Ans. Trees

2) Limestone is made up of mineral called _____

Ans. Calcite

3) Granite is formed from _____

Ans. magma

4) The metamorphic rock formed from limestone is _____.

Ans. marble

5) An Igneous Rock ~~Basalt~~ Basalt

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is _____ rock

Ans. Volcanic

(6) Which mineral found in Sandstone?

Ans. Quartz

(7) A rock with many tiny air holes may be _____.

Ans. Pumice

8) Petroleum is also called _____.

Ans. Crude oil

(9) From what ~~sa~~ slate has formed?

Ans. Shale

10) coal and Petroleum are called _____ fuel.

Ans. Fossil.

(11) To make our work easy, we use _____.

Ans. Simple machines.

(12) Scissors, hammer, pliers, etc. are _____.

Ans. First class levers.

(13) A lever in which the load lies between the fulcrum and the effort is called a _____.

Ans. Second class lever.

(14) In which type of lever, the fulcrum and the load are at the two ends?

Ans. Third class levers.

(15) Fishing rods, tongs tweezers, etc. are examples of

Ans. Third class levers.

16. We go upstairs using the stairs as an

Ans. inclined plane.

(17) Without an _____, a wheel cannot be used as a machine.

Ans. axle

(18) To draw water from a well, a _____ is used.

Ans. Pulley

(19) For changing tyres or repairing we use _____.

Ans. Jacks.

(20) A gradual sloping surface, is called an _____
Ans. inclined plane.

Q.2 Fill in the blanks. (5)

1) A simple machine has very few parts in it.

2) In a lever, if the effort is between the fulcrum and ~~load~~ load it is a

third class lever

3) Minerals are dug out from mines as ores.

4) Shale is used to make tiles for roofs.

5) Wells are dug deep under the ground to get petroleum.

6) Bituminous is called 'soft coal'.

7) In a nut cracker, the load lies between the fulcrum and the effort.

8) A slide is shaped like an inclined plane.

9) Coal is formed from trees and other plants which died millions of years ago.

10) bottle opener is a second class lever.

11) To make our work easy, we use machines.

Q. 3 Write 'True' or 'False'.

1) A pair of scissors is an example of complex machine: ~~X~~ - False.

2) An inclined plane makes work difficult for us. - ~~X~~ False.

3) Anthracite is the best type of coal.

Q.4
Q.5
Q.6
Q.7
Q.8
Q.9
Q.10

(1) To fetch the water from well we use Pulley - True + + + + =

(4) lignite coal is called "hard coal" - False

(5) conglomerate is found in mostly shades of grey and orange. - True

(6) Igneous rock means rock that has changed - False

(7) A Plank can be used as lever - True

(8) wedge is machine having several threads - False

(9) A screw holds things firmly together - True

(10) A screw driver is an example of second kind of lever. - False.

Q.4 Answer the following question. [10]

(1) How are sedimentary rocks formed?

→ Sedimentary Rocks are formed from pebbles, sand, mud or clay that are deposited in oceans. Some kinds of sedimentary rocks are formed from the shells of tiny sea creature others are formed from where dissolved mineral settle by the side of oceans.

2. How are rocks useful to us?

→ Rocks like marble, sandstone and granite are used for making buildings and paving roads. Rocks also give us useful metals like Platinum, gold, silver, copper, zinc, nickel, aluminium, ~~and~~ and iron etc. Metals are used for jewellery, coins, internet wire, ~~and~~ aeroplanes ~~machines~~ - machines, furniture and rails.

3. How are Coal and Petroleum important for us?

→ Coal and Petroleum are used as fuel. Coal is used to generate electricity and in steel plants to make steel. Petroleum is also used in the plastic, paint, fertilizer, and cosmetic industries.

4. What way wheels and Pulley are useful?

→ They help in lifting or lowering loads with very less effort.

5. What are inclined Planes?

→ A gradual slope is used to make work easier. A gradual sloping surface, is called an inclined plane. It can be used to lift heavy objects to a higher level.

6. What articles are screws used for?

→ A screw has grooves cut into it. It holds the wood pieces tightly.

7. What are fossils and fossil fuels.

→ Coal and Petroleum are called fossil fuels as they are formed from fossil of plants or animals buried under the sedimentary rocks.

8. How are simple machines different from complex machines?

→ In simple machines force is provided by the muscular energy whereas in case of complex machine it is provided by fuel or electricity.

9. How is coal formed? Name the different types of coal?

→ Long ago, the earth was covered with forest and swamps. When plants died, they fell into these swamps. Over millions of years mud and new plants got deposited on them. Due to intense pressure, the bottom layers of plants matter changed into coal.

→ There are 4 types of coal:

1. Peat, 2. lignite 3. bituminous and 4. Anthracite.

10. What are the three categories into which levers are divided?

→ first class levers, second class levers and third class lever.