

सहावी - सामान्य विज्ञान (इंग्रजी माध्यम)



Maharashtra Academic Authority, Pune 30.

Educationally Progressive Maharashtra (EPM)

Test for Academic Progress : Summative Evaluation 2 : 2017-18

Standard : Six - Subject : General Science (Written)

Student's Name : _____ Roll No. :

School's Name : _____ Div. : _____

Center : _____ Taluka : _____ District : _____ Date : ____ / ____ / 2018

Q. No.	1	2	3	4	Practical/ Oral	Total	Teacher's Signature
Marks Obtained							
Marks Allotted	10	10	10	10	10	50	

Write the answers of oral questions here. (Each question carries one mark.)

O 1 _____

O 2 _____

O 3 _____

O 4 _____

O 5 _____

Written Test

Instructions : 2 marks sub-questions are denoted with (2 marks) and remaining sub-questions are of 1 mark each.

Q. 1. Answer the following sub-questions according to the given instructions.

A) The motion of an object that does not take place in a straight line is called as _____ motion.

- 1) Linear 2) Non linear 3) Oscillatory 4) Random

B) Identity the relation within first pair and correlate the other -
Ripe mango falling down from a tree : Gravitational

Force :: Pulling the classroom door : _____

C) Write two examples of complex machines.

- 1) _____ 2) _____

D) Identity and encircle the odd-man out.

- 1) Oscillatory motion 2) Circular motion
3) Mechanical motion 4) Periodic motion

E) Write the difference between following motions. (2 Marks)

Linear motion	Random motion
<p>1) The motion an object which shows displacement along a straight line is called as linear motion. -</p> <p>e.g. : _____</p> <p>_____</p> <p>_____</p>	<p>1) _____</p> <p>_____</p> <p>_____</p> <p>e.g. : A butterfly that constantly flits from one flower to another.</p>

F) Write any two examples of work done by using muscular force in ancient times. (2 Marks)

1) _____

2) _____

G) Which simple machine will you use to do the following work - (2 Marks)

1) To fetch the water out of well - _____

2) To cut the kite paper - _____

Q. 2. Answer the following sub-questions according to the given instructions.

A) Identity and encircle the wrong pair from the following.

1) A stretched rubber - Potential energy.

2) Cracking of the glass panes of windows - Sound energy.

3) Winding the spring of a toy - Kinetic energy.

4) Cooking the food - Heat energy.

B) Write true or false

Frictional force always works in the direction of motion. _____

C) Which type of lever is seen in weighing balance ? _____

D) Identify which of the following thing attract towards a magnet. Encircle the correct option.

1) Eraser

2) Wooden block

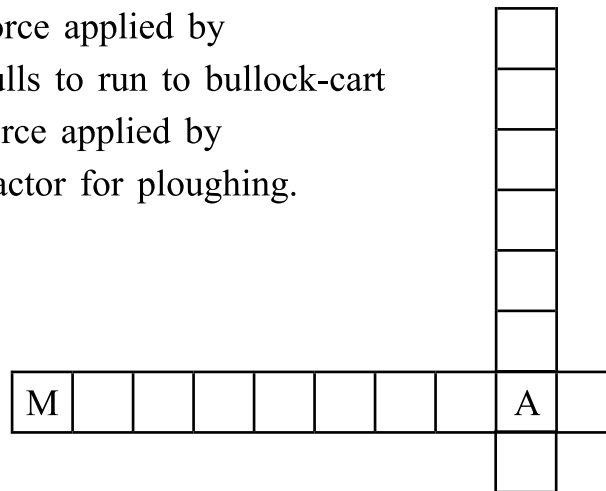
3) Iron-nail

4) Copper wire

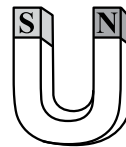
E) Complete the following puzzle. (2 Marks)

Vertical Word - Force applied by
bulls to run to bullock-cart

Cross Word - Force applied by
tractor for ploughing.



F) Observe the following figures. Identify the type of magnet and write it. (2 Marks)



1) _____ 2) _____

G) How many colours are there in sunlight ? Write a name of your favourite colour in it. (2 Marks)

Q. 3. Answer the following sub-questions as per the given instructions..

A) Identify and encircle the correct option.
Which of the following is the main source of energy ?

- 1) Wood
- 2) Sun
- 3) Petrol
- 4) Diesel

B) What does the following sign indicate ?



C) In the honour of which scientist, 28th February is celebrated as 'National Science Day' ?

D) Now-a-days which type of magnet is used in various machines and devices.

E) Write any two examples of magnetic substances. (2 Marks)

F) Write any two devices that have been developed for making use of solar energy. (2 Marks)

G) Write two examples of non-conventional energy resources or renewable energy resources. (2 Marks)

1) _____ 2) _____

Q. 4. Answer the following sub questions as per the given instructions.

A) Identify and encircle the correct option from the following.

- 1) Two poles of a magnet can be separated from each other.
- 2) The magnetic force is not concentrated at two poles of a magnet.
- 3) A magnet always settles in the North-South direction.
- 4) There is attraction between like poles of a magnet.

B) Identify and encircle the correct option.

About which of the following subject Sir Isaac Newton wrote a book called 'Opticks'

- 1) Sound
- 2) Light
- 3) Heat
- 4) Magnetism

C) Write the unit used to measure the intensity of sound.

D) Identify and encircle the correct option.

Which of the following is brightest planet in the solar system.

- 1) Mercury
- 2) Earth
- 3) Venus
- 4) Saturn

E) Write any two ways that you will use to save energy at your home. (2 Marks)

F) Write any two components (celestial bodies) that our solar system consists. (2 Marks)

G) Identify the names of planet with reference to the characteristics given below and mention it in the respective circles. (2 Marks)

