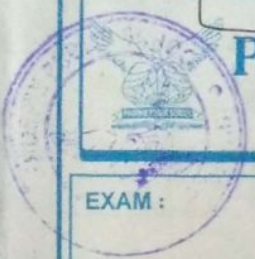


Pg No: 01

Total Pg: 13

S.A: 2 (2016-17)



PHOENIX PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

Seat No. :

EXAM :

DATE :

STD. / CLASS :

SUBJECT :

MAIN 1 + Supplements = TOTAL

Supervisor's Sign.

Examiner's Sign.

Ques. No.	Total Marks	Marks Obtain
1		
2		
3		
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TOTAL		

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Sub: Science

Std:- 4th

Revision

S.A:- 2

Q. 1 MCQ - [30]

1) Which planet is also called the Red planet?

→ Mars

2) On which planet life exists?

→ Earth

3) _____ is possible only on the earth

→ Life.

4) _____ is made from trees.

A) Papers.

$$\square + \square + \square + \square + \square = \square$$

5) The loss of top fertile soil is called _____
 → Soil erosion

6) How much part of the earth is covered by water?
 → Three-fourths

7) The Sun is a _____
 → Star

8) Clothes dry more quickly on _____
 → Fast blowing air

9) Which of the following are formed on the surface of the earth?
 → Dew & Frost

10) _____ contains dust, water vapour, gases and smoke.
 → Air

11) The rainfall during the _____ seasons destroyed our crops.
 → Harvest

12) _____ and _____ are formed very high up in the sky.
 → Hailstones and Snow.

[] + [] + [] + [] + [] = []

13) The rate of evaporation is more during the _____.
→ Summer.

14) Moving air or wind has _____.
→ Energy.

15) _____ is required to cook food.
→ Energy.

16) _____ is used by plants to prepare their food.
→ Light energy.

17) Earth has a special force called _____.
→ Gravity.

18) A railway engine moves the train with the help of _____.
→ Steam.

19) _____ is the most important source of heat and light energy.
→ Sun.

20) In a thermal power house, _____ is burnt to produce heat energy.
→ Coal.

21) _____ of energy can be used to do different type of work.
→ A single form.

$$\square + \square + \square + \square + \square = \square$$

22) We need _____ to do work.
→ Energy.

23) How many planets are there in
our solar system _____
→ 8

24) Which is the largest planet of
solar system?
→ Jupiter

25) Which planet the closest planet of
the Sun?
→ Mercury.

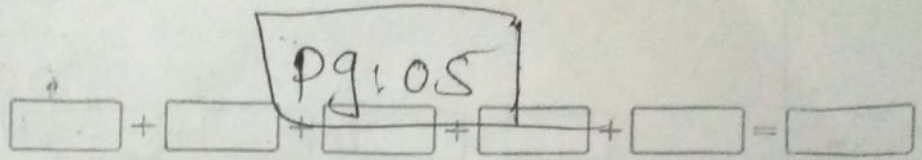
26) _____ move from one place to
another.
→ _____

27) _____ is a planet which revolves
around the Sun.
→ The earth.

28) A planet is a ball of _____
→ Rocks.

29) The inner most layer is the
hottest. It is called _____
→ Core.

30) The outermost layer of the
earth is called _____



→ Crust.

31. When does the sun rise in winter?

→ At 7:00 a.m.

32. Sea breeze blows from _____.

→ Sea to the land.

33. Land gets heated _____ than water.

→ Fast

34. _____ is not formed in the cloudy nights.

→ Dew.

35. We need energy to do _____.

→ All of them.

36. Heat energy is obtained from _____.

→ All of them.

37. Electrical energy is used to run _____.

→ All of them.

38. Coal, petrol, oil and cooking gas are _____.

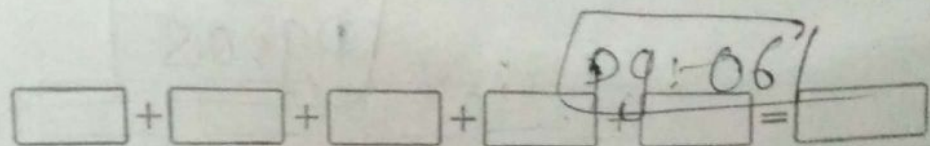
→ Fuels.

39. Knife, hammer, needle and blade etc are _____.

→ Simple Machine

40. _____ is needed to move an object.

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→ Force.

41. _____ water has energy. It can rotate a wheel.

→ Moving.

42. _____ energy is used to operate heater.

→ Electrical

43. Heat energy is obtained from _____

→ Fuels.

44. Food contains _____

→ Chemical energy.

45. Acid rain pollutes our _____

→ Environment

46. If ice crystals do not melt, they fall on _____

→ Earth.

47. When we eat food, it changes into _____

→ Muscular energy.

48. _____ is a complex machines,

→ Bus.

49. Drinking polluted water can cause _____

pg: 07
□ + □ + □ + □ + □ = □

→ Disease.

50. Trees _____ the air
→ Purify

Q.2 Fill in the blanks:- (05)

- 1) The world environment day is celebrated on 5th June every year.
- 2) All animals and plants have their own environment.
- 3) Lava flows out when the volcano erupts.
- 4) The earth has three layers.
- 5) Life is possible only on the earth.
- 6) The air over land warm faster than that over the sea.
- 7) An imaginary line passing through the north to south pole.
- 8) A natural object made up of a large amount of gas which burns.

(pg: 88)

- 9) The Sun is very far from the earth in comparison to the moon.
- 10) The weather keeps on changing day to day.
- 11) Season affect the live of other animals and plants.
- 12) When the Sun shines, the water of the fog evaporate.
- 13) Dew is not formed in the cloudy nights.
- 14) Snow are particles of ice in the form of balls.
- 15) Land breeze blow at night while Sea breeze blow during at the day.

Q. 3 Define [04]

1. Condensation:-

When the vapours come in contact with the cool lid, it changes back to water droplets. This process is called condensation.

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2. Complex Machines:-

Some machines are made by joining different types of simple machines. They are called complex machines.

3. Environment:-

The natural world in which people, animals, plants etc live is called environment.

4. Axis:-

An imaginary line passing through the earth from the north pole to south pole is called Axis.

□ + □ + □ + □ = □

Q. 4 True or False [05]

- 1) The rotation of the earth causes day and night. (✓)
- 2) The Earth is the largest planet. (X)
- 3) Planets have light and heat of their own. (X)
- 4) Planets move along a fixed path. (✓)
- 5) Stars move from one place to another. (X)
- 6) Trees play no role in air pollution. (✓)
- 7) We obtain all our basic needs from the environment. (✓)
- 8) Sea breeze blows during the night. (X)
- 9) The part that has summer, has shorter days. (X)
- 10) The Sun gives us heat and light. (✓)

Pg. 09

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- 11) All machines are very simple. (X)
- 12) Still air has capacity to do work. (X)
- 13) Food contains chemical energy. (✓)
- 14) Wind energy helps a sailboat move. (✓)
- 15) Steam contains heat energy. (✓)

Q.5 Question Answer in one sentence. [04]

- 1) What is energy?
→ Energy is the capacity to do work.
- 2) What is solar energy?
→ Energy given out by the sun is called solar energy.
- 3) Why is sea water warm even after sunset?
→ Water absorbs and loses heat more slowly than sand or land.
- 4) What is meant by evaporation?
→ Changing of water into water vapour due to heat is called evaporation.

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5) Who is the closest planet to the Sun?

→ Mercury is the closest planet to the Sun.

6) Who is ~~the~~ called the water planet?

→ Earth is called the water planet.

7) What do you mean by the term 'pollution'?

→ Adding harmful substance to the environment is called pollution.

8) How are seasons caused?

→ Seasons are caused due to the revolution of the earth.

9) What happens when poisonous chemicals from factories are thrown into the river and other water resources?

→ It pollutes rivers and other water resources.

10) How long does it take the earth to rotate around its axis and to revolve around the Sun?

→ 24 hours and one year.

Q.6 Answer in two three sentence [06]

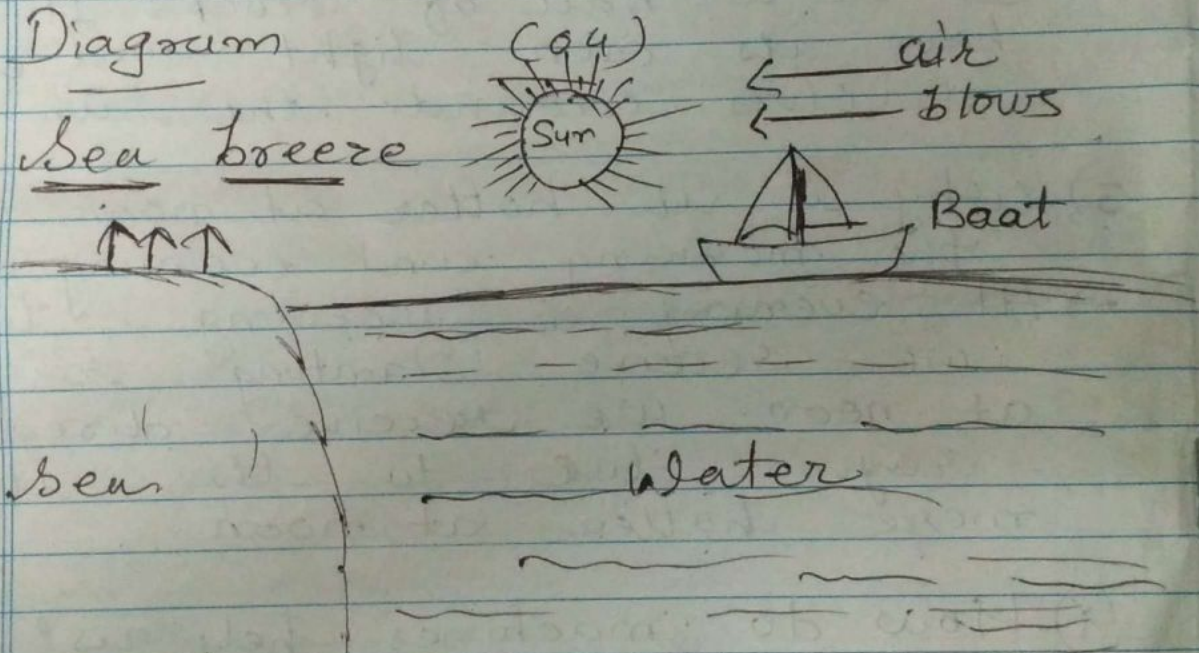
- 1) What do you mean by a satellite?
→ Any natural object that revolves around a planet is known as the satellite of the planet.
- 2) Why is Earth a planet?
→ It is a ball of rocks. It does not have its own light and heat. It revolves around the sun.
- 3) Why is it hotter at noon than in the morning and evening?
→ At evening or morning time we receive slanting rays while at noon we receive direct rays. Due to this, it is more hotter at noon.
- 4) How do machines help us?
→ Machines make our tasks easy. With their help a work can be done with less effort.
- 5) What is solar energy? Write three uses of electrical energy.
→ Energy of sun is called solar energy. (i) to run machines (ii) to run trains (iii) to light bulbs.

6) Why is earth a planet?] x
→ It is

6) What do you understand by the force of friction?
→ A force, which stops the motion of a moving body on a rough surface is called force of friction.

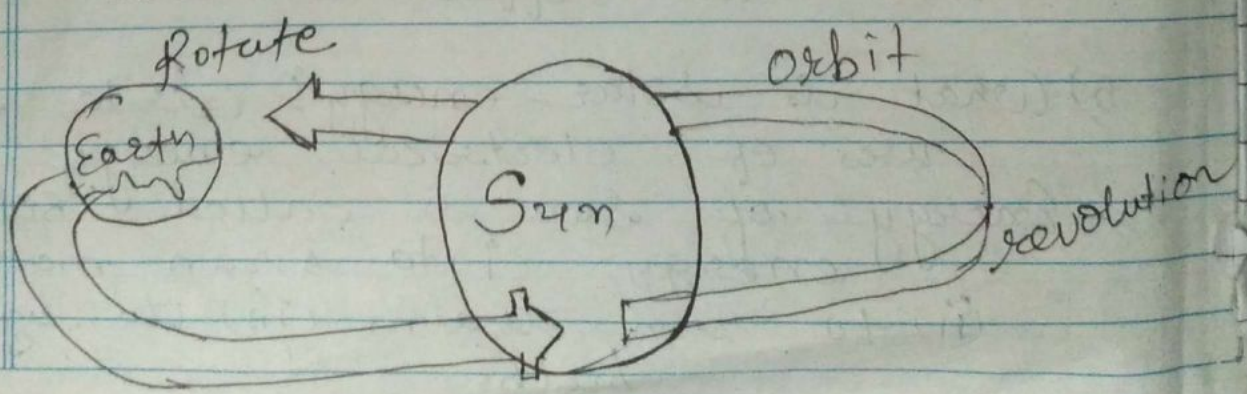
Q 7 Diagram

① Sea breeze



Sea Breeze

② Revolution of the Earth



Water-Cycle

