



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		
4		
5		
6		
7		
8		

TOTAL

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Science FA:-4 Revision Science

Std:4

Q. 1 MCQ

[10]

1) Wet clothes dry more quickly in
a) calm air c) vacuum
b) fast blowing air d) slow moving air

2) Which of the following are formed on the surface of the earth?
a) fog and rain c) dew and frost
b) snow and rain d) Hailstones and snow

3) Sea breeze blows from
a) land to the sea c) sea to the land
b) land to the land d) sea to the sea.

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4. When does the sun rise in winter?
a) At 5:00 a.m. At 7:00 a.m.
b) At 9:00 a.m. d) At 10:00 a.m.

5. Knife, hammer, needle and blade etc, are
a) complex machines simple machines
b) working machines d) None of them.

6. We need energy to do _____
a) playing All of them
b) fighting d) reading

7. Heat energy is obtained from _____
a) fuels c) oil
b) gas All of them.

8. Electrical energy is used to run _____
a) fans c) air-conditioners
b) computers All of them.

9. Coal, petrol, oil and cooking gas are _____
a) heat energy c) electrical energy
 fuels d) None of them.

10. Frost and hailstones are harmful to our _____
 crops c) snow
b) faster d) All of them.

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

- a) earth
- b) crops
- c) land
- d) dew.

12) We see _____ drops early in the morning after a cold night on leaves

- a) land
- b) dew
- c) sea
- d) all of them

13) _____ is used when force is applied

- a) force
- b) Electrical
- c) Energy
- d) None of them.

14) When we eat food, it change into _____ energy.

- a) energy
- b) muscular
- c) Moving
- d) None of them

15) To stop the motion of a body, we should apply _____ against the direction of its motion

- a) energy
- b) force
- c) Moving
- d) None of them.

16) _____ is the ability to do work.

- a) Energy
- b) force
- c) amount
- d) book.

17) _____ is needed to pull or push something.

- a) energy
- b) Moving
- c) force
- d) None of them.

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18) _____ cools faster than water.
 a) Land c) blows
 b) usually d) All of them

19) Land breeze blows from _____
 a) land to sea c) land to land
 b) sea to sea d) All of them

20) The weather keeps on changing
 a) day to day c) Month to day
 b) year to month d) All of them

Q.2 Fill in the blanks (any five) - [05]

1. Force is needed to move an object.
2. Electrical energy is used to operate heater.
3. Machines are used to make our tasks easy.
4. A railway engine gets its energy from steam.
5. Moving water has energy. It can rotate a wheel.
6. Evaporation takes place all the time.

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7. Land gets heated faster than water.

8. Land breeze blows at night while Sea breeze blows during the day.

9. Snow are particles of ice in the form of balls.

10. Dew is not formed in the cloudy nights.

Q.3 True and false (any five) [5]

1. On cooling, water vapour condenses into water - drops. ✓

2. The sun play an important role in the change of weather. ✓

3. The part that has summer, has shorter days. ✗

4. Sea breeze blows during the night ✗

5. Sand gets heated more quickly than water. ✓

6. Still air has not capacity to do work. ✓

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7. Steam contains heat energy. X
8. All machines are very simple. X
9. Food contains chemical energy. ✓
10. One form of energy can do only one type of work. X

Q. 4

Define

[04]

1. Solar energy: The energy given out by the sun, is called the solar energy.
2. Frictional force: Some kind of force acts on it and slows it down. This force is called frictional force.
3. Precipitation: When the water drops become very heavy, they fall to the earth as seen. This is called precipitation.
4. Water cycle: The cycle of evaporation, condensation and precipitation is called water cycle.

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Q.5

Que. Ans

- 1) Name three examples of work done by using force.
→ Pushing an object, pulling an object and stopping a moving object.
2. Write three uses of electrical energy.
→ Electric energy is used:
(i) to run machines | (iii) to light bulbs,
(ii) to run trains
3. Why do we call the sun our main source of energy?
→ Because it provides us heat and light energy.
4. Name three forms of energy. Give one use of each one.
→ Heat energy - cook food, electrical energy - lighting bulb, light energy - Solar cells.
5. 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.

6. What is meant by evaporation?
→ Changing of water into water vapour due to heat is called evaporation.

7. What is meant by condensation?
→ Change of vapours into liquid after getting cooled is known as condensation.

8. Why is sea water warm even after sunset?
→ Because water absorbs and loses heat more slowly than sand or land.

41
32