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VEDANT PUBLIC SCHOOL
ISANPUR, AHMEDABAD - 382443.

Seat No. :
બેઠક નંબર :

EXAM
પરીક્ષા :

FA-4

DATE:
તારીખ :

Science

STD. / CLASS:
ધોરણ / વર્ગ :

IV

SUBJECT:
વિષય :

MAIN
મુખ્ય પુસ્તકો 1 +

Supplements
પુસ્તક પુસ્તકો

= TOTAL
કુલ

Supervisor's Sign.
નિરીક્ષકની સહી

Bansuda Rao
Examiner's Sign.
પરીક્ષકની સહી

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

Write From Here / અહીંથી લખવું.

REVISION OF FA-4 [2017-18]
STD. IV SUB - SCIENCE.

PART-A.

Q1) Tick the correct option:

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

2) When does the sun rise in winter?

- (a) At 5:00am (b) At 7:00am (c) At 9:00am (d) 10:00am

3) Which of the following are formed on the surface of the earth?

- (a) dew and frost (b) fog and rain
(c) hailstones and snow (d) snow and drizzle

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4) Sea breeze blows from ---
(a) Sea to the land (b) land to the sea
(c) Sea to the sea (d) land to the land

5) We need energy to do ---
(a) playing (b) reading (c) fighting (d) All of them

6) Heat energy is obtained from ---
(a) fuels (b) oil (c) gas (d) All of them

7) Electrical energy is used to run ---
(a) fans (b) air conditioners (c) computers
(d) All of them

8) Coal, petrol, oil and cooking gas are
(a) heat energy (b) electrical energy
(c) fuels (d) none of them.

9) Knife, hammer, needle and blade etc
are ---
(a) complex machines (b) simple machines
(c) working machines (d) none of them.

10) --- is used when force is applied.
(a) force (b) electrical (c) energy (d) none of them.

11) As the sun sets land and sea surface
start ---
(a) cooling (b) heating (c) warming (d) ^{none} of them

12) The energy given out by the sun is called
the ---
(a) solar energy (b) electric energy (c) kinetic energy
(d) None of them

- 13) _____ is the ability to do work
 (a) energy (b) force (c) amount (d) Book
- 14) The weather keeps on changing ---
 (a) month to day (b) years to month
 (c) day to day (d) all of them
- 15) _____ cools faster than water.
 (a) land (b) blows (c) heat (d) None of them
- 16) We see _____ drops early in the morning after a cold night on leaves.
 (a) land (b) dew (c) sea (d) All of these
- 17) When we eat food it changes into _____ energy.
 (a) energy (b) moving (c) muscular (d) none of them
- 18) How many forms of energy are there?
 (a) One (b) two (c) three (d) four
- 19) The energy given out by the sun in the form of heat and light is called _____.
 (a) heat energy (b) electrical energy
 (c) light energy (d) both a & c
- 20) The surface of the sea gets heated ---
 (a) quickly (b) faster (c) slowly (d) none of these

Cont ---
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[PART-B]

Q2[A] fill in the blanks :-

- 1) Frost and hailstones are harmful to our crops.
- 2) Land breeze blows at night.
- 3) Snow are particles of ice in the form of balls.
- 4) If ice crystals do not melt, they fall on earth.
- 5) force is needed to move an object.
- 6) energy is used when force is applied.
- 7) A Railway engine gets its energy from steam.
- 8) Moving water has energy it can rotate a wheel.
- 9) When we eat food, it changes into muscular energy.
- 10) electrical energy is used to operate heater.

[B] True or false :-

- 1) Wind energy helps a sailboat move [True]
- 2) One form of energy can do only one type of work. [false]
- 3) Food contains chemical energy [True]
- 4) The sun gives us light and heat [True]
- 5) Sand gets heated more quickly than water (True)
- 6) Sea breeze blows during the night [false]
- 7) We can't see the wind, but we can see its effect [True]

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- 8) The sun play an important role in the changing of weather. [True]
- 9) The part of summer that has a shorter days. [false]
- 10) Dew and frost are formed on the surface of the earth. [True]

Q3) Answer the following Question

Q1) How does the sun cause changes in weather?

Ans The Sun causes the movement of air to make a wind or breeze and evaporation of water to make clouds and rain. Thus the sun is the controller of weather.

Q2) Why is it hotter at noon than in the morning and evening?

Ans 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.

Q3) What is meant by evaporation?

Ans Changing of water into water vapour due to heat is called evaporation.

Q4) What is meant by Condensation?

Ans Change of vapour into liquid after getting cooled is known as Condensation.

Q5) Name three examples of work done by using force?

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Ans pushing an object, pulling an object and stopping a moving object.

Q6) What is energy? How does your body get energy?

Ans Energy is the capacity to do work. We get energy from food we eat.

Q7) What do you understand by the force of friction?

Ans A force which stops the motion of a moving body on a rough surface is called force of friction.

Q8) What is force? When do we say that the work is done?

Ans It is a type of push or pull applied on a body. When we use force to move an object through some distance we say work is done.

Q9) What is Solar energy? Write three uses of electrical energy.

Ans Energy of Sun is called Solar energy. electrical energy is used.

- (i) to run machines
- (ii) to run trains
- (iii) to light bulb.

Q10) How do machines help us? What are the different types of machines?

Ans Machines make our tasks easy. With their help a work can be done with

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less effort. machines of two types

- (i) Simple machines - knife, blade, needle etc.
- (ii) Complex machines - bus, cycle, washing machines etc.

