



# PHOENIX PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

DATE :

SS :

SUBJECT :

1 + Supplements \_\_\_\_\_ = TOTAL \_\_\_\_\_

Supervisor's Sign.

Examiner's Sign.

Write From Here / અહીંથી લખવું.

F. A. 4

Std - III<sup>rd</sup>

Science.



Q. 1 Tick the correct option [10]

1) Which of these do not live in the soil?

- a) Earth worms                       c) Butterflies  
b) Micro-organisms                d) Snakes

(2) Which of these is made from sand?  
Ans. Glass

(3) Which one is a type of soil?  
Ans. all of these (sandy soil, clayey soil, gravel)

4) Which of these is heaviest material in the soil?  
Ans. Pebbles

5) By which humus to be formed?  
Ans. (a) and (b) both [Plants, dead animals]

(6) Which type of soil is good for making bricks, tiles, pots etc.  
Ans. clayey

(7) Which of these is the lightest material in the soil?  
Ans. Sand

(8) Which of these things is not a natural part of the soil?  
Ans. Glass



(9) Paddy grows in which type of soil?

Ans. clayey

(10) Where we found sandy soil?

Ans. (a) and (b) both [beaches and desert]

(11) Who among the following was not an astronomer?

Ans. Newton.

(12) The sun is a \_\_\_\_\_.

Ans. huge star.

(13) What is the temperature of the sun's surface?

Ans.  $6000^{\circ}\text{C}$

(14) The brightest star in the Northern Hemisphere is \_\_\_\_\_.

Ans. The Pole Star

(15) The \_\_\_\_\_ is a natural satellite of the Earth.

Ans. moon

(16) A group of stars which forms the shape of a hunter \_\_\_\_\_?

Ans. Orion

(17) A group of stars which forms the shape of a \_\_\_\_\_ Lion?

Ans. Leo



(18) The whole of the lighted moon is called. \_\_\_\_\_.

Ans. Full moon.

(19) The interval between one new moon and the next is \_\_\_\_\_.

Ans.  $29\frac{1}{2}$  days

(20) Which one is example of galaxy?

Ans. Andromeda.

Q.2 'True' or 'False' [4m]

1) The stars go away from the sky during the day - False.

2) The moon is a planet - False

3) without the sun there would be no life on the earth. - True

4) When the lighted portion of the moon cannot be seen at all we call it new moon. - True

5) clayey soil is found in desert. - False

6) Air occupies space between soil particles - True

7) Soil is of many different colours. - True

8) Humus is made of rotten plants and animal animals. - True



- (9) ~~Diamond~~ is the hardest rock. - True  
 (10) The dark coloured top layer is called sub-soil. - False

Q.3 Fill in the blanks. [5]

- 1) Rocks are the part of mountains.
- 2) Most plants grow well in clayey soil.
- 3) clayey soil is used to make toys and pots.
- 4) The sun is the nearest star to the Earth.
- 5) our solar system has eight planets.
- 6) The sun is a huge ball of burning gases.
- 7) The word solar means of the sun.
- 8) The sun is actually a star.
- 9) The moon takes about 27  $\frac{1}{3}$  day to go round the Earth.
- 10) There are about 88 constellations.
- (11) scientists who study the stars are called astronomers.

Q.4 Match the following: [5]

- | 'A'                           | 'B'              |
|-------------------------------|------------------|
| 1) The earth                  | planet           |
| 2) Aryabhata                  | astronomer       |
| 3) Neil Armstrong             | astronaut        |
| 4) Scorpius                   | constellation    |
| 5) liquid core of molten rock | inside the earth |



6	coal.	fuel.
7)	Loamy soil	rich in humus
8)	Gravel	soil
9)	Hard rock	Granite
(10)	clayey soil	smaller particles

Q.5 Answer the following question.  
(any 3) [6M]

(1) What does soil contain?

Ans. When plants and animals die their bodies rot and get mixed with the soil. Soil contains tiny pieces of rocks and rotten pieces of dead plants and animals.

(2) Why do farmers add manure to the soil?

Ans. All plants grow well, if manure is added to the soil. It contains a lot of humus. For this reason farmers add manure to the soil.

(3) Write about the various kinds of soil and their properties?

Ans. Sandy soil :- It is grey or light brown. It cannot hold water for long time. It is not good for growth of plants.



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clayey soil - It has small pieces. It feels smooth when touched. It is very sticky in nature. It is also not good for plant growth.

Loamy soil - It is a mixture of sandy and clayey soil. This soil is best for growth of plants. It is porous in nature.

Gravel soil - It is made up of big and small pieces of rocks. It does not hold water. It is also not good for growth of plants.

(4) What are the constellations? Name any ~~time~~ three important constellations.

Ans. Patterns of the stars in the sky are called constellations. Ursa Major, Scorpius, and Orion are three important constellations.

(5) What is the solar system?

Ans. The sun along with all the planets together with their satellites, form the solar system.

6) Why there is no life on the surface of the moon?

Ans. Moon is dry and barren. There is ~~on~~ no water and air on the surface of the moon. With the result there is no possibility of life.



7) why is the sun very important to the earth?

Ans. The sun is very important because it provides heat and light to earth.