

VEDANT PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

Seat No. :
બેઠક નંબર :

EXAM :
પરીક્ષા :

FA-3

DATE :
તારીખ :

[2018-19]

STD. / CLASS :
ધોરણ / વર્ગ :

5th

SUBJECT :
વિષય :

Science

MAIN
મુખ્ય પુસ્તકો

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Supplements
પુસ્તક પુસ્તકો

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TOTAL
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Supervisor's Sign.
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Examiner's Sign.
પરીક્ષકની સહી

Ques. No.	Total Marks	Marks Obtain
1		
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TOTAL		

Write From Here / અહીંથી લખવું.

FA-3 Revision - 2018-19

Id: 3

Std: 5

Revision

Science

①

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Q.1 Tick the correct option 10

① The protection of soil is called

- (a) Soil erosion (b) Soil pollution
✓ (c) Soil conservation.

2) Cutting down of trees on a large scale is called

- (a) deforestation (b) afforestation
✓ (c) Step farming.

3) Construction of _____ also checks soil erosion.

- (a) dams (b) embankments
✓ (c) both (a) and (b)

4) Which of the following causes soil erosion?

- (a) Tiny organisms (b) Water (c) plants

5) Shale is a _____ rock

- (a) Sedimentary (b) igneous (c) metamorphic

6) What percentage of air in the atmosphere is oxygen?

- (a) 78% (b) 21% (c) 1%

①

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②

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7) In which layer of atmosphere does the ozone layer exist?

- a) Stratosphere
- b) Troposphere
- c) thermosphere

8) Obsidian is used in making

- a) Kitchen counters
- b) Jewellery
- c) Floors

9) It is so light that it can float on water. It is

- a) granite
- b) basalt
- c) pumice

10) Which gas is found in abundance in the air?

- a) Oxygen
- b) Carbon dioxide
- c) nitrogen

11) About _____ of the earth's surface is water.

- a) 71%
- b) 21%
- c) 1%

12) The method in which we kill the germs in water by adding chlorine to it

- a) Chlorination
- b) Sedimentation
- c) none

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13) The method of Separating insoluble impurities by allowing them to settle down.

- a) Chlorination
- b) Sedimentation
- c) None

14) The atmosphere contains nitrogen.

- a) 21%
- b) 78%
- c) 1%

15) Rocks Formed by the changing of other rocks is called

- a) Metamorphic rocks
- b) Sedimentary rocks
- c) None

16) Rocks Formed by the deposits of rock particles.

- a) Sedimentary rock
- b) Metamorphic rocks
- c) None

Q: 2(A) Fill in the blanks (any-4)

1) The Top Soil layer of the earth is top soil

2) The breaking down of rocks into soil is called weathering

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- 3) Heavy rain also causes Soil erosion.
- 4) Planting of trees on a large scale is called afforestation.
- 5) Soil erosion makes the land unfit for growing plants.
- 6) Quartzite is formed by the metamorphic of Sandstone.
- 7) Limestone is made up of Calcite.
- 8) Rocks formed from molten magma are called Sedimentary rocks.
- 9) The layer of the earth below the crust is called igneous rocks mantle.
- 10) After sedimentation, pouring down of clean water into separate is called decantation.
- 11) The rocks formed by sediments are called igneous rocks.

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- 12) The water we drink must be Clean and Pure
- 13) Mud and Sand are insoluble impurities of water.
- 14) All human beings and animal breathe in oxygen to stay alive
- 15) The moving air is called wind.

Q.2 (B) True or False (Any 2) [02]

- 1) Our body does not need minerals (F)
- 2) Red Fort in Delhi is made up of sand stone. (T)
- 3) Pumice is a smooth and glossy rock. (F)
- 4) Gneiss is made from granite (T)
- 5) Earth's crust is made up of ~~iga-~~ igneous rocks (T)
- 6) We cannot stop soil erosion by strip farming. (F)
- 7) Wind causes the maximum soil erosion [5] (F)

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8) Top Soil is the most Fertile layer. (T)

9) Small particles of soil are called humus. (F)

10) Plants cannot grow without soil. (T)

Q:2 (1) Match the following (Any 2) (2)

- | A | B |
|-------------------------------|-----------------------|
| ① Ultraviolet rays | a) Thick layer of air |
| ② Chlorination | b) Exosphere |
| ③ Topmost layer of atmosphere | c) Kills germ |
| ④ Carbon dioxide | d) photo synthesis |
| ⑤ atmosphere | e) ozone layer |

(1-e) (2-b) (3-b) (4-d) (5-a)

Q:3 (A) Give reason (Any 1) (2)

① Pumice floats on water
 Ans. pumice floats on water because of its light weight.

② Sand Stone is used as a building material.

→ because it is a soft stone that is formed of sand particles joined together.

(6)

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(3) Why do mountaineers and sea divers use oxygen cylinders.

Ans. Mountaineers and sea divers use oxygen cylinders for breathing as the availability of oxygen is less there.

4) Why should we not drink impure water?

→ We should not drink impure water because impure water is not good for our health. It can make us sick.

Q3 (B) Give difference. (any one) [2]

Minerals	Rock
① Minerals do not contain plants or animal matter.	① Rocks may contain plants and animal matter.
② They are pure and have a fixed composition.	② They can be made of more than one minerals.
③ Minerals usually have uniform colour and shapes.	③ Rocks differ in colour and shapes.

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Q:2 Magma Lava

① The Earth's innermost part is made up of molten rocks

① When magma flows out onto the surface

Q:3(c) Answer the following question (Any-4)

① What are embankments?

⇒ Embankments are walls to hold back water.

② What is deforestation?

⇒ Cutting down of trees on a large scale is called deforestation.

③ What is soil conservation?

⇒ The protection of soil from being eroded is called soil conservation.

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Q4) Write the various uses of rocks and minerals (Any-3 points)

1) Rocks are used as building materials. Houses, Schools, roads, bridges etc.

2) We get useful metals like Copper, iron, gold, and silver from rocks.

3) Electronic machines have parts made of mica.

4) Some materials such as Sulphates and nitrates are used as Fertilizers.

5) Some rocks are precious and used as gemstones. Diamond, ruby and Sapphire are minerals used as gemstones.

Q-5) What are the major components of air?

A) The major components of air are nitrogen (78%), oxygen (21%) and other gases (1%).

Q-6) Give the various uses of air. (Any-3)

1) Air is used by human being for breathing.

2) It is used for burning fuels.

3) Compressed air is filled in tyres of various vehicle.

4) Air is needed to hear sound.

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(5) Moving air helps in the movement of ships, boats and parachutes.

Q:7 Write the properties of air

- ① It occupies space
- ② It has weight
- ③ It exerts pressure