

V - science 1

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VEDANT PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

DATE : તારીખ :	SUBJECT : વિષય :	Roll No. : રોલ નંબર :
STD. : કક્ષા :	Suppl. No. : પૂરાણી :	Supervisor's Sign./ લેક્ચરરની સહી

Std - V SA-2 Revision
Year [2018-19]
chapter 1 To 8

sub: - science

Paper style.

Q-1 mcq

30

Q-2a write in Brief (Any 5)

15

b write in short (Any 5)

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Q-3a write difference between (Any 2)

6

b write sln on (Any one)

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Q-1 mcq

1) The protection of soil is called
A soil conservation

2) cutting down of trees on a large scale is called deforestation
A Deforestation

3) which of the following causes soil erosion.
A water

4) obsidian is used in making
A Jewellery

5) shale is a _____ rock
A sedimentary.

6) It is so light that it can float on water It is.
A pumice.

7) what percentage of air in the atmosphere is oxygen?
A 21%.

8) which gas is found in abundance in the air

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A Nitrogen.

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

A Stratosphere.

10) Who was the first person to land on the moon.

A Neil Armstrong.

11) The first Artificial satellite sent by India into space is

A Aryabhata

12) The tides occur when the earth, the sun and the moon are in a line is called tides.

A Spring tides

13) The surface of moon is

A Rough & uneven.

14) Which of the following satellites is related to educational programmes?

A EDUSAT

15) The result of very poor rainfall is

A Drought

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16) Which of these instruments is used to measure the intensity of an earthquake

A Seismograph.

17) How many natural disasters are there?

A Four

18) Tsunami is term came from which country.

A Japanese.

19) main cause of landslide is what?

A Deforestation.

20) In case of snake bite doctor give which injections?

A Anti-Venom.

21) we should not play

A on the roof.

22) planting trees on large scale, where trees had never existed is known as.

A Afforestation.

23) which of the following is a poisonous substances?

A Boot polish.

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24) Cutting down of terrace farming in the steps of hills is known as.

A Step farming.

25) Which types of rocks are formed by the repeated deposition of bits of rocks, Sandstone etc.

A Sedimentary Rocks.

26) I am example of man-made disasters?

A Bomb explosion.

27) Plants depend on animals for what?

A Carbon dioxide.

28) Plants who produce their own food are known as.

A Producers.

29) Excessive of pesticides ~~there~~ and fertilizers has caused which pollution.

A water pollution.

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30) Which main fuels will be used by humans.

A petroleum.

31) Limestone is made up of what?

A calcite.

32) Rocks formed from molten magma are called which rocks.

A Igneous

33) I am formed by the slow cooling of the magma on the surface of earth.

A Granite.

34) Coal is which type of rock

A Sedimentary.

35) mud and sand are which Impurities of rock.

A Insoluble

36) After, sedimentation, pouring down of clean water into a separate jar is called which method of purifying water.

A Decantation.

37) Who is deep holes on the surface of earth.

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A craters.

38) The Artificial satellite launched in the year

A 2004

39) In a small burn which cream we apply to an injured person.

A Antiseptic

40) The saliva of dogs and cats contain the medicine of.

A Viruses of rabies.

41) To hoists a flag we use what to flagpole?

A Pulley

42) What is an Inclined plane.

A Slope.

43) A wedge is a piece generally made up of metal, Axe, knife and sword.

A V-shaped.

44) Who are the secondary consumer

A carnivores animal.

45) Ultraviolet rays is covered by which layer.

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A Ozone layer.

46) We use chlorine in the water for what?

A To kill germs.

47) What is the name of first spacecraft?

A Apollo 11.

48) Where we can see moon in shadow

A Lunar eclipse.

49) Best example of wheel and axle.

A Sewing machine

50) Where we can see Corbett National Park

A Uttarakhand.

51) Where is Bandipur National Park situated

A Karnataka.

52) Biotic animals are non-living things

A False

53) How many types of lever are there?

A Three

54) Best example of omnivores

A Dog

55) Second class lever's example is

A Nutcracker

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Q-2a Answer in one word.

1) Name four abiotic components of environment?

A Air, water, soil and rock.

2) How can man conserve natural resources?

A By controlling over exploitation.

3) Which animals are called carnivores?

A Tiger, Lion, wolf etc.

4) What does a lever consist of?

A A lever consist of rod.

5) What is uses of a pulley?

A pulley is used for drawing water from a well.

6) How are simple machines useful to us?

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A A simple machines make our work easier.

7) How should we control fire caused by petrol or kerosene?

A By throwing sand over it.

8) What is a first aid?

A The immediate help given to an injured person is called first aid.

9) What are the effects of drought on the people?

A People die due to hunger and scarcity of water.

10) Name any four natural disasters?

A Flood, tsunami, cyclone and drought.

11) What is a main cause of a landslide?

A Deforestation is the main cause of landslide.

12) What is a volcanic eruption?

A Volcanic eruption is a condition in which ~~there is one~~ molten rocks are

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forced out of cracks from the earth's crust, accompanied by lots of smoke and ash.

13) What is a drought?

A Drought is a natural condition in which there is no, or very low, rainfall in a particular area.

14) Why does an earthquake occur?

A An earthquake occurs due to sudden movements under the surface of the earth.

15) What type of surface does the moon have?

A Moon is rough and uneven.

16) What is a natural satellite?

A A satellite found in nature is called natural satellite.

17) What is the importance of oxygen for us?

A ~~every~~ we breathe in oxygen for survival, we also use oxygen for burning purpose.

18) What is the importance of ozone layer?

A Ozone layer protect us from harmful

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ultraviolet rays given out by the sun by absorbing it.

19) What type of rock is coal?
A sedimentary rock.

20) Name two states of India where step farming is practised?
A Kerala and Himachal Pradesh.

Q-26) Answer in Brief

1) How can we prevent soil erosion?

A We prevent soil erosion by

a) promoting afforestation

b) ~~tree~~ covering plants.

c) checking over grazing

d) terrace farming and

e) constructing dams and embankments.

2) Write various uses of rocks & minerals?

A Rocks are used as building material

Houses, schools, roads, bridges etc, all make uses of rocks.

2) we get useful metals like copper, iron, gold and silver from rocks.

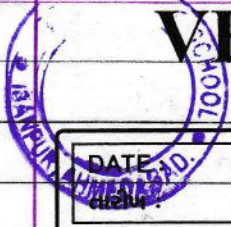
3) some rocks are precious and used ~~for~~ as gemstones, Diamond, ruby and sapphire are minerals and used as gemstones.

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- 4) Some minerals such as sulphates and nitrates are used as fertilizers.
- 5) Electronic machine have parts made of mica.

3) How are igneous rocks formed? Give three examples of igneous rocks?

A The earth's innermost part is made up of molten rocks. This is called magma. When a volcano erupts, this magma flows out when it flows out onto the surface it is called lava. It later cools down and solidifies to form igneous rocks. Eg. of igneous rocks are granite, pumice and basalt.

4) How can you show that air is necessary for burning?

A To prove that air is needed for burning an object take two candles and fix them on a table. Light the candles ~~into~~ Now ~~cover~~ cover one burning candle by putting

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One inverted glass over it.

We will see that the flame of the candle which is covered with glass goes off. The other candle continues to burn. This is because the candle does not get air now. This activity shows that air is necessary for burning.

5) Give the various uses for air?

A) Air is used by human beings for breathing.

b It is used for burning fuels.

c compressed air is filled in tyres of various vehicles.

d Air is needed to hear sound.

e moving air helps in the movement of ships, boats, parachutes, gliders.

6) Write a few lines about man's first visit to the moon?

A on July 21 1969, Neil Armstrong became the first man to land on the moon.

His words on the moon were

"That's one small step for man, and a giant leap for mankind".

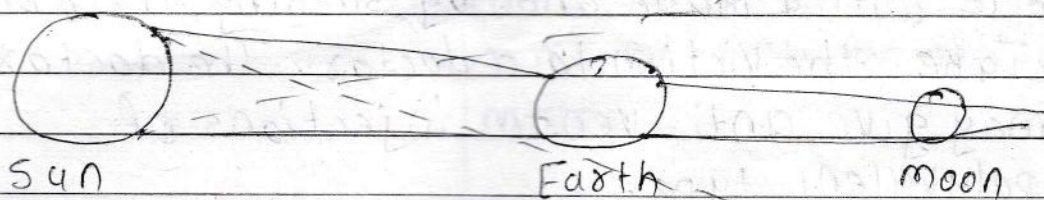
He and Edwin Aldrin stayed for two and a half hours on the moon and collected some rock samples.

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to bring back to the earth. These rock samples have given a lot of information about the moon.

7) What is a lunar eclipse? Draw labelled diagram

A When the earth comes between the sun and the moon it blocks the sunlight from reaching the moon and creates a shadow. This is lunar eclipse.



8) What precautions should you take in the case of flood?

A Precautions.

- move to safer place.
- Listen to the radio or watch the television for warning and advice.
- Do not wade through the water. many poisonous animals can be in the water.
- Keep a stock of food and fresh water.
- Keep a first aid kit ready.

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9) What first aid should be given in case of a snake bite?

A To stop the flow of blood to the heart and brain apply a tight bandage just above the bite.

→ Do not move the victim. Any kind of movement will cause the poison to spread faster in the victim's body.

→ Try to get poison out from the wound as quickly as possible you can do this by making a cross cut (X) about half cm deep over the bite with a blade and by sucking the blood.

→ Take the victim to a doctor. The doctor may give anti-venom injections of polyvalent type.

10) How can we conserve water?

A Some tips to conserve water are as follows: -

→ Do not leave taps running while washing clothes.

→ Wash vehicles with a bucket and cloth instead of a hose pipe.

→ While brushing your teeth, washing your face and hands don't leave the tap open.

→ Replace damaged/Leakage pipes.

→ Close taps tightly.

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Q-3 write difference between.

1) Rocks and minerals.

Rocks

Minerals.

- | | |
|--|---|
| 1) Rocks may contain plants and animal matter. | Minerals do not contain plants or animal matter. |
| 2) Rocks differ in colour and shapes. | Minerals usually have uniform colour and shape. |
| 3) They do not have crystals. | 3) Some of them have crystals and are usually pretty. |
| 4) They can be made of more than one minerals. | They are pure and have a fixed composition. |

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2) Lava and magma.

Lava magma	Magma. Lava
1) The earth's innermost part is made up of molten rocks is known as magma.	When magma flows out onto the surface it is called lava.

2)

3) Solar eclipse and Lunar eclipse

solar eclipse	Lunar eclipse
1) Solar eclipse is the one in which sun is blocked by the moon	Lunar eclipse refers to the eclipse in which moon appears dim, as it passes into earth's shadow
2) moon lies between sun and earth	Earth lies between sun and moon.
3) It appears in some places only	It appears in many places.

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4 Biotic and Abiotic component

Biotic Component	Abiotic component
<p>1) Biotic describes a living component of an ecosystem</p> <p>2) eg. Autotrophs and heterotrophs plants, animals, fungi</p>	<p>Abiotic components are non-living chemical</p> <p>eg - water, light, wind, soil, humidity, minerals, gases.</p>

Q-36) write short note on.

1) phases of the moon.

As we know, moon changes its shape. The moon is lit up by the sun it moves around the earth. the shape of the lit portion also changes its orbit around the earth.

These changing shapes are called the phases of the moon.

New moon :- When the side of the moon facing us gets no sunlight at all, we cannot see the moon.

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Crescent moon :- As the moon moves along its orbit, a small portion of the side facing us gets sunlight.

Half moon :- In a week, we can see half of the moon.

Gibbous moon - After three more days, we see three-quarters of the moon.

Full moon - In two weeks the entire side facing us gets sunlight. The phases reverse after this.

2) Earthquake :- The earthquake is a sudden trembling of the earth's crust. It is caused by sudden movements under the surface of the earth. The study of an earthquake is called seismology. The intensity of earthquake is measured by an instrument called seismograph.

Safety measure

- Do not panic But act fast.
- Come out of your house and rush to an open area.

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→ Do not stand under trees, electric poles or tall buildings as they can fall on you.

→ Do not enter a building immediately after an earthquake.

3) Safety rules :-

Accidents can happen at anytime and any place we can avoid accidents by being alert, we can avert accidents by following certain safety rules.

Precautions on the road

→ Always walk on the left side of the road.

→ Do not board or deboard a moving bus
Do not peep out of a moving vehicle.

→ Cross the road using the subway or the zebra crossing.

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→ Learn traffic symbols and follow them.

4) Food chains

The interdependent relationship between plants and animals can be understood by looking at who eats whom in nature. This can be shown in the form of food chains.

The plants use the sun's energy to grow. plants can produce their own food is producers. Animals on the other hand consume plants are called consumers. Herbivores like cow, horse eat the plants are primary consumers. Carnivores like tiger are secondary consumers. Hence food chain always start with producer and ends with consumer.