



Name _____

Roll No. _____

Time allotted: 2hr 30mins

Mid Term Test (August 2024)

Class V__

M.M:60

Date: 27-08-2024

Subject- Science

General Instructions

- 1) All questions are compulsory
- 2) Section A (Q1 -22) carry 1 mark each.
- 3) Section B (Q 23) carry 3 marks.
- 4) Section C (Q24-27) carry 2 marks each.
- 5) Section D (Q28-30) carry 3 marks each.
- 6) Section E (Q31 -32) carry 4 marks each.
- 7) Section F (Q33-34) carry 5 marks each.

SECTION- A

Tick the correct answer.

(8)

- 1) A person who design buildings is called _____.
a) mason b) architect c) doctor d) planner
- 2) Earth Day is celebrated every year on
a) 21 April b) 23 April c) 22 April d) 24 April
- 3) A bandage tightly tied over a wound to stop bleeding .
a) Tourniquet b) Sling c) Splint d) Lotion
- 4) Building material that is made by mixing sand, cement and water is called _____.
a) aluvial b) concrete c) gravel d) bricks
- 5) A gas that bubbles out of an aerated drink is
a) oxygen b) hydrogen c) nitrogen d) carbon dioxide
- 6) This nutrient help us to grow.
a) Vitamins b) Protein c) Mineral d) Fats
- 7) Earthquake is measured on _____ scale.
a) bar b) normal c) richter d) richie
- 8) Solubility of solids in water _____ with heating .
a) decreases b) remain same c) increases d) neutral

Fill in the blanks.

(5)

- 9) _____ is an example of active volcano..
- 10) Most houses in cold areas have _____ to keep the inside of the house warm.
- 11) A poisonous snake injects poison with its sharp _____.
- 12) _____ is caused due to deficiency of vitamin C in our food.
- 13) _____ is the resulting mixture of solute dissolving in solvent.

Give one word answer.

(5)

14) The act of injecting vaccine to protect against diseases.

15) A crack or break in a bone.

16) The hot liquid rock material found inside the earth.

17) The earth's uppermost layer.

18) The protection of soil against erosion.

Write full form of:

(2)

19) AIDS : _____.

20) HIV : _____.

Identify the following:

(2)

21)



22)



Section B

23) Read the following paragraph and answer the questions:

(3)

After harvesting and before raising the next crop ,fields lie bare. To prevent the soil from getting blown away , farmers grow cover crops . The roots of plants of these cover crops hold the soil particles together and prevent them from being blown away.

a) Name two cover crops that farmers grow .

b) Why cover crops are grown ?

Section C

(2x4 =8)

24) Define budget.

25) What is the difference between an element and a compound ?

26) Name the factors that determine the type of house to be built .

27) Which articles could be used as a splint in case of fracture ?

Section D

(3x3=9)

- 28) How do earthquake affects the earth and its people ?
- 29) How is man responsible for soil erosion ?
- 30) Differentiate between physical change and chemical change . Give examples.

Section E

(4x2=8)

- 31) What precautions would you take to check the spread of malaria ?
- 32) How are solids different from liquids . Explain with diagram.

Section F

(5x2=10)

- 33) What are microbes ? Name different microbes responsible for various diseases.
- 34) How is soil formed from the rocks ?

ANSWER KEY
MID TERM TEST (SCIENCE) CLASS V
AUGUST 2024

SECTION- A

Tick the correct answer.

(8)

- 1) A person who design buildings is called _____.
a) mason b) **architect** c) doctor d) planner
- 2) Earth Day is celebrated every year on
a) 21 April b) 23 April c) **22 April** d) 24 April
- 3) A bandage tightly tied over a wound to stop bleeding .
a) **Tourniquet** b) Sling c) Splint d) Lotion
4. Building material that is made by mixing sand,cement and water is called _____.
b) aluvial b) **concrete** c) gravel d) bricks
- 4) A gas that bubbles out of an aerated drink is
a) oxygen b) hydrogen c) nitrogen d) **carbon dioxide**
- 5) This nutrient help us to grow.
a) Vitamins b) **Protein** c) Mineral d) Fats
- 6) Earthquake is measured on _____ scale.
a) bar b) normal c) **richter** d) richie
- 7) Solubility of solids in water _____with heating .
a) decreases b)remain same c) **increases** d) neutral

Fill in the blanks.

(5)

- 9) **Mount Etna** is an example of active volcano..
- 10) Most houses in cold areas have **fire places** to keep the inside of the house warm.
- 11) A poisonous snake injects poison with its sharp **fangs**.
- 12) **Scurvy** is caused due to deficiency of vitamin C in our food.
- 13) **Solution** is the resulting mixture of solute dissolving in solvent.

Give one word answer.

(5)

- 14) The act of injecting vaccine to protect against diseases.
 15) A crack or break in a bone.
 16) The hot liquid rock material found inside the earth.
 17) The earth's uppermost layer.
 18) The protection of soil against erosion.

VaccinationFractureMagmaCrustSoil conservation**Write full form of:**

(2)

19) AIDS : Acquired Immuno Deficiency Syndrome.20) HIV : Human Immunodeficiency Virus.**Identify the following:**

(2)

21)

Terrace Farming

22)

Rickets**Section B****23) Read the following paragraph and answer the questions:**

(3)

After harvesting and before raising the next crop, fields lie bare. To prevent the soil from getting blown away, farmers grow cover crops. The roots of plants of these cover crops hold the soil particles together and prevent them from being blown away.

a) Name two cover crops that farmers grow.

Ans. Grass and creepers.

b) Why cover crops are grown?

Ans. The roots of plants of these cover crops hold the soil particles together and prevent them from being blown away.**Section C**

(2x4 =8)

24) Define budget.

Ans. A plan of how available money will be spent over a period of time.

25) What is the difference between an element and a compound ?

Ans. **Elements** : Atoms of same kind are called elements. For eg. carbon , oxygen etc

Compounds : Atoms of different kinds combine to form compounds. For eg. common salt (NaCl) etc

26) Name the factors that determine the type of house to be built .

Ans. **The three factors that determine the type of house to be built are :**

- a) climate of a place,
- b) material available , and
- c) the budget

27) Which articles could be used as a splint in case of fracture ?

Ans. **In case of fracture any easily available article like sheets of newspaper , magazines , a piece of cardboard or a pillow around the injured bone can be used as a splint.**

Section D

(3x3=9)

28) How do earthquake affects the earth and its people ?

Ans. **When earthquake occurs houses , buildings and bridges shakes . When it last for sometime structure shatter , road cracks and communication system collapse . This results in loss of life and property .**

29) How is man responsible for soil erosion ?

Ans. 1) When trees are cut down by human beings , the soil becomes

loose and is easily carried away.

2) Ploughing of hill slopes is another factor that leads to soil erosion.

3) Overgrazing by cattle also cause soil erosion.

30) Differentiate between physical change and chemical change . Give examples.

Ans.

	<i>PHYSICAL CHANGE</i>	<i>CHEMICAL CHANGE</i>
1.	A physical change is a temporary change which can be reversed . These changes are only in the state of matter.	A chemical change is a permanent change which can not be reversed . It results in the formation of a new substance.
2.	For example – melting of wax , melting of ice etc.	For example – Burning of paper , rusting of iron etc

Section E

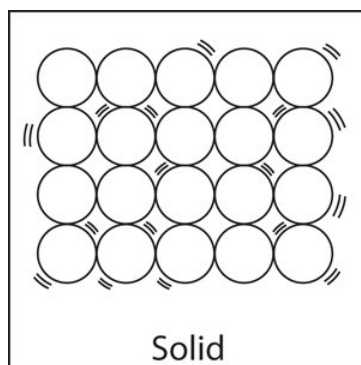
31) What precautions would you take to check the spread of malaria ?

Ans. Following precautions must be taken:

- a) Water must not be allowed to stagnate as mosquitoes lay eggs in standing water.
- b) To destroy mosquito larvae , the surface of water in tanks and ponds must be sprayed with oil.
- c) Use a mosquito net or repellent.
- d) Drains must be kept covered.

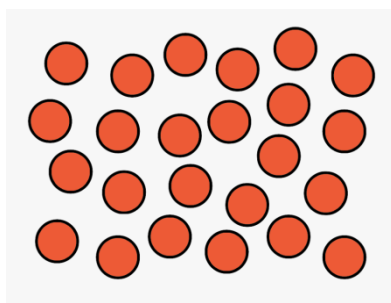
32) How are solids different from liquids . Explain with diagram.

Ans. In solids , the molecules are very close to each other . They attract each other with great force. So, a solid is hard , rigid and has a definite shape and volume .



Arrangement of molecules in solids

In liquids , the molecules are less closely packed . The attraction between the molecules in liquids is less as compared with that of solids . So molecules can move around freely . That is why liquids can flow.



Arrangement of molecules in liquids

Section F

ClassV
(5x2=10)

33) What are microbes ? Name different microbes responsible for various diseases.

Ans. Microbes are very small tiny organisms that can not be seen through naked eyes. Different microbes responsible for various diseases are :

- a) **Bacteria** : cause diseases like tuberculosis , typhoid , pneumonia and meningitis.
- b) **Virus** : cause diseases like common cold , polio , chickenpox and measles.
- c) **Protozoa** : cause diseases like malaria and amoebic dysentery.
- d) **Fungi** : cause diseases like ringworm and athlete's foot.

34) How is soil formed from the rocks ?

Ans.

- 1) When the earth was formed , there was only water, air and hard rocks.
- 2) The sun heated the rocks , the rain made them cold and the wind blew over them.
- 3) This continued for thousands of years . As a result , the rocks broke into small pieces.
- 4) These small pieces again broke into still smaller pieces and were carried around by water and wind.
- 5) They rubbed against each other till they became tiny particles of soil .