

**MINISTRY OF EDUCATION, SCIENCE AND  
TECHNOLOGY AND VOCATIONA TRAINING  
THEMI HILL PRE AND PRIMARY SCHOOL  
HOLIDAY PACKAGE MAY 2020  
SCIENCE GRD V**

**NAME:.....STREAM:..... DATE.....**

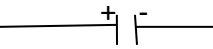
**INSTRUCTIONS:**

**Answer all questions as per given instruction to each question.**

**SECTION A: MULTIPLE CHOICES**

Choose the correct answer and write its letter to the space provided beside the questions.

1. The following are the qualities of a pit latrine except one?
  - a) It should have a deep hole
  - b) It should be built inside the house
  - c) It should have a cover to prevent houseflies
  - d) It should be built away from the house
  
2. One of the following is not a function of water in our bodies
  - a) It helps in digestion of food
  - b) It helps to soften the food
  - c) It helps to cool the body
  - d) It helps in keeping our body clean
  
3. ....help the body to fight against germs when they enter into our bodies
  - a) Red blood cells
  - b) Plasma
  - c) White blood cells
  - d) Platelets
  
4. Light travels in a .....line
  - a) Straight
  - b) Curved
  - c) Zigzag
  - d) Bedding
  
5. First AID for a person with hiccup (hic cough) is to .....
  - a) Lay down the person
  - b) Pour cold water on the head
  - c) Take birth
  - d) Press the nostrils tightly with fingers
  
6. Basic need of human being are .....
  - a) Food, sports games and shelter
  - b) Shelter treatment and clothes
  - c) Shelter, food and clothes
  - d) Clothes, food and enough time for resting

7. Which of the following gases pass through the stomata in out of the leaves
- |                                |                              |
|--------------------------------|------------------------------|
| a) Oxygen and hydrogen         | c) Oxygen and carbon dioxide |
| b) Carbon dioxide and nitrogen | d) Oxygen and nitrogen       |
8. A broom and a spade are example of lever in which class?
- |                 |                 |
|-----------------|-----------------|
| a) Third class  | c) Second class |
| b) Fourth class | d) First class  |
9.  in electric circuit, this symbol represents
- |            |          |
|------------|----------|
| a) Cell    | c) Bulb  |
| b) Ammeter | d) Swith |
10. Water reaches freezing point at .....centigrade
- |                                |                                |
|--------------------------------|--------------------------------|
| a) 100 <sup>0</sup> centigrade | c) 212 <sup>0</sup> centigrade |
| b) 0 <sup>0</sup> centigrade   | d) 32 <sup>0</sup> centigrade  |
11. Reflection of sound is called.....
- |               |            |
|---------------|------------|
| a) An image   | c) An echo |
| b) Refraction | d) Normal  |
12. Heat is conducted through the metal (iron, copper, iron sheet)
- |               |               |
|---------------|---------------|
| a) Radiation  | c) Reflection |
| b) Convection | d) Conduction |
13. A periscope is a divice that is .....
- |   |  |
|---|--|
| a) Used to observe smallest object        | c) Used to measure electricity           |
| b) Used to look over the top of something | d) Used to measure amount of electricity |
14. A basic unit and origin of life of any living organism is called
- |             |               |
|-------------|---------------|
| a) Cell     | c) Amoeba     |
| b) Bacteria | d) White cell |
15. The living things those are made up of only one cell are called.....
- |                           |               |
|---------------------------|---------------|
| a) Unicellular organism   | c) Paramecium |
| b) Multicellular organism | d) Plasmodium |
16. The smallest cell of organism which can not be seen with our naked eyes. They can be seen clearly only under instrument called:-
- |               |           |
|---------------|-----------|
| a) Periscope  | c) Lens   |
| b) Microscope | d) Mirror |

17. The following are parts of plants cells that are not found in animal cell
- |                            |                              |
|----------------------------|------------------------------|
| a) Nucleus                 | c) Cell wall and chloroplast |
| b) Cytoplasm and cell wall | d) Chloroplast and vacuole   |
18. The following are example of unicellular organism except
- |               |             |
|---------------|-------------|
| a) Paramecium | c) Bacteria |
| b) Plasmodium | d) Plants   |
19. The following are the similarities of plants and animals cells except
- |                        |                            |
|------------------------|----------------------------|
| a) Both have nucleus   | c) Both have cell membrane |
| b) Both have cytoplasm | d) Both have fixed shape   |
20. If you swim or play in water contain snails you may be affected with
- |             |                    |
|-------------|--------------------|
| a) Cholera  | c) Vomiting        |
| b) Diarrhea | d) Schistosomiasis |
21. The following practice does not cause HIV/AIDS
- |   |   |
|---|---|
| a) Sharing of tooth brush with an infected person | c) Sharing of toilets and bath rooms    |
| b) Transfusion of blood from infected person      | d) Injected with unsterilized injection |
22. Among the followings which is heavier than others
- |                              |                                   |
|------------------------------|-----------------------------------|
| a) One kilogram of stones    | c) One kilogram of iron           |
| b) One kilograms of feathers | d) Nothing is heavier than others |
23. Which gas is used when manufacturing drinks such as cocacola and beer
- |                  |             |
|------------------|-------------|
| a) Hydrogen      | c) Oxygen   |
| b) Carbondioxide | d) Nitrogen |
24. Foods like fish, vegetables, milk and fruits helps to make our teeth
- |             |             |
|-------------|-------------|
| a) Stronger | c) Decay    |
| b) Brown    | d) Breeding |
25. The aim of boiling water is to .....
- |                         |                          |
|-------------------------|--------------------------|
| a) Make the water clear | c) Kill the germs        |
| b) Make water sweet     | d) Change water into gas |
26. AIDS is caused by virus called .....
- |             |          |
|-------------|----------|
| a) Bacteria | c) Blood |
| b) Housefly | d) HIV   |

27. The components of blood circulatory system are heart and
- |                 |             |
|-----------------|-------------|
| a) Blood vessel | c) Pancreas |
| b) Liver        | d) Artery   |
28. The blood cell that are responsible in the blood clotting and healing of the wounds is called
- |                      |               |
|----------------------|---------------|
| a) White blood cells | c) Platelets  |
| b) Red blood cells   | d) Hemoglobin |
29. The part of the cell that responsible to carry all necessary chemical activities of the cell is called
- |                |              |
|----------------|--------------|
| a) Chloroplast | c) Nucleus   |
| b) Vacuole     | d) Cytoplasm |
30. A part of human digestive system where by water is absorbed is called
- |          |            |
|----------|------------|
| a) Colon | c) Stomach |
| b) Ileum | d) Mouth   |
31. The inner part of the tooth that contain nerves and blood vessel is called.
- |            |                |
|------------|----------------|
| a) Enamel  | c) Pulp cavity |
| b) Dentine | d) Cement      |
32. A powerful muscular organ that pumps the blood vessels is called
- |                 |                 |
|-----------------|-----------------|
| a) Arteries     | c) Thrombocytes |
| b) Blood vessel | d) The heart    |
33. Inheritable disease that cause a wound of a person fails to clot and therefore shows continuous bleeding is called.....
- |               |                    |
|---------------|--------------------|
| a) Hemophilia | c) Schistosomiasis |
| b) Filarial   | d) Tuberculosis    |
34. Anaemia defects can be prevented by eating food rich in
- |            |                 |
|------------|-----------------|
| a) Iron    | c) Vitamin      |
| b) Protein | d) Carbohydrate |
35. The oxygenated blood from the lungs enters the heart through
- |                   |                    |
|-------------------|--------------------|
| a) Left ventricle | c) Right ventricle |
| b) Left auricle   | d) Right auricle   |
36. When a person eats poorly cooked food such as beans or maize and swallow the foods which are not well chewed is suspected to get which kind of the digestive problems:-
- |                 |              |
|-----------------|--------------|
| a) Constipation | c) Heartburn |
| b) Indigestion  | d) Ulcers    |

37. Digestive food is absorbed in the.....
- a) Large intestine
  - b) Small intestine
  - c) Pancrease
  - d) Apendix
38. A meal that consists of all six types of food is called
- a) Lunch
  - b) Dinner
  - c) Balanced diet
  - d) Good meal
39. The process by which food is broken into simple forms which can be absorbed and used by the body is called.....
- a) Respiration
  - b) Digestion
  - c) Excretion
  - d) Machine
40. The type of digestion which takes place in the alimentary canal is called.....
- a) Mechanical digestion
  - b) Chemical digestion
  - c) Absorption of food
  - d) Digestion of food

**SECTION B: Attempt all question as asked/required**

a) Mention five function of blood in our body

- 41. ....
- 42. ....
- 43. ....
- 44. ....
- 45. ....

b) Mention five differences between living things and non living things that you know

- 46. ....
- 47. ....
- 48. ....
- 49. ....
- 50. ....