The Millennium Stars School and College
Rangpur Cantonment
Assignment 1–2020
Class:Six
Subject: Science
<u>**Group-A**</u>

Read the following stems and answer the following questions:

1.

| Fig: A | Fig: B | Fig: C |

a) What is the component of cell wall?   1
b) What type of plant *Cycas* is? Explain.   2
c) Which one has rhizoid among the above figures? Write its properties.   3
d) Which one is more advanced among the above three figures? Analyze.   4

2. The semi fluid, jelly like substance of a cell that is external to the nucleus and internal to the
    cell membrane is called the cytoplasm. The cytoplasm contains many organelles.
    a) What is called somatic cell?   1
    b) Write about the unique characteristics of a plant cell.   2
    c) Which organelle of a cell is known as power house of a cell? Why?   3
    d) Explain about "the basis of life" according to the stem.   4

3.

| Fig: P | Fig: Q | Fig: R |

    a) What is coelenteron?   1
    b) Why frog is called amphibian?   2
    c) Represent a comparison between Fig: P and Fig: Q .   3
    d) "All the three animals can ensure tremendous benefit." - Justify the statement.   4

4. Situation-1: The length of a rectangular shaped box is 25 cm, breadth is 15 cm and height is 10 cm.
    Situation-2: Mr. Farhan is a business man. He uses F.P.S system previously for business but now he using
    M.K.S System.
    a) What is measurement?   1
    b) What are the differences between fundamental unit and derived unit?   2
    c) Calculate the total volume of such 10 boxes in cubic meters according to Situation-1.   3
    d) Which system is advantageous between the two system mentioned in the situation-2?
    Analyze your opinion.   4

Choose the best answer and write in answer script.

1. In which year Margulies and Whitaker invented the most recent classification method?
   a) 1958   b) 1968   c) 1978   d) 1988
2. Which one has no well developed nucleus?
   a) *Amoeba*   b) *Penicellium*   c) *Spirogyra*   d) *Rhizobium*
3. Which one is a non-flowering plant?
   a) Cycas   b) Jackfruit   c) Arocaria   d) Spirogyra
4. Which one is a gymnosperm?
   a) Mango   b) Blackberry   c) Palm   d) Pine
5. Which of the following is a mammal?
   a) Leach   b) Butterfly   c) Lizard   d) Jelly fish
6. Butterfly, snail, turtle, bird and tiger all are animals, because----------
   i. They eat food
   ii. They can move at their own accord
   iii. They give birth to new generation
   Which one is correct?
   a) i and ii   b) i and iii   c) ii and iii   d) i, ii and iii
7. Which animal use muscular foot for locomotion?
   a) bird   b) snail   c) butterfly   d) earthworm
8. Compound eyes are found in which animal?
   a) mosquito   b) starfish   c) oyester   d) white ant
9. Which fish have scales?
   a) Magur   b) singh   c) tengra   d) ruhi
10. What is the main identifying feature of bird?
    a) Body covered with feathers   b) Hatch eggs to give birth to child
    c) They respire through lungs   d) Can fly in the sky
11. In which year Robert Hooke discovered the cell?
    a) 1664   b) 1665   c) 1666   d) 1667
12. The fluid present inside the vacuole is called_____
    a) Bile   b) Mineral   c) Cell sap   d) Hormone
13. The function of chromatin fibre is _____
    i. controls different activities
    ii. carries traits of an organism
    iii. makes food
    Which one is correct?
    a) i and ii   b) i and iii   c) ii and iii   d) i, ii and iii
14. Structural and functional unit of any organism is called_____
    a) tissue   b) cell   c) organ   d) fluid
15. Which one is unique characteristic of a plant cell?
    a) Mitochondria   b) Plastid   c) Vacuole   d) Ribosome
16. Which one stores food for plants?
    a) Cell wall   b) Vacuole   c) Colourless plastid   d) Centrosome
17. Which one controls any pressure applied on the cell?
    a) Cell vacuole   b) Cytoplasm   c) Nucleus   d) Protoplasm
18. Chloroplast is a part of_____
    a) Mitochondria   b) Nucleus   c) Plastid   d) Vacuole
19. Which one is an example of proto cell?
    a) Bacteria   b) Amoeba   c) Fern   d) Fish

20. The fluid present inside the vacuole is called_____
    a) Bile   b) Mineral   c) Cell sap   d) Hormone
21. Science is scientific knowledge about-
    i. nature and natural events
    ii. religion and religious affairs
    iii. astrology
    Which one of the following is correct?
    a) I   b) ii   c) iii   d) I, ii & iii
    Read the following passage and answer the questions number 22 – 23.
    A truck goes to Dhaka from Netrokona. The truck covered 228 km in 6 hours.
22. The truck covered a distance of – per hour.
    a) 30 km   b) 34km   c) 38km   d) 42km
23. To cover a distance from Netrokona to Dhaka the truck took time equivalent to-
    i. 1 day
    ii. 360 minutes
    iii. 21600 seconds
    Which one of the following is correct?
    a) i & ii   b) ii & iii   c) i & iii   d) i, ii &iii
24. What is the unit of temperature in S.I system?
    a) Fahrenheit   b) Centigrade   c) Kelvin   d) Ampere
25. Every measurement is expressed with-
    a) a unit   b) a size   c) a shape   d) structure