

**The Millennium Stars School and College**

Rangpur Cantonment

Assignment 1-2020

Class: Nine

**Subject: Biology**

**Group-A**

Read the following stems and answer the following questions:

10×3=30

1.

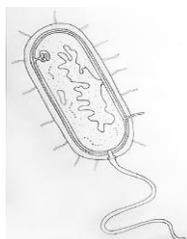


Fig: M



Fig: N

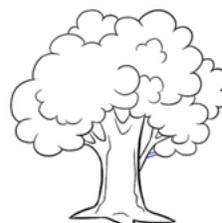
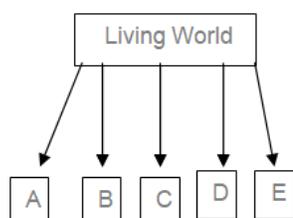


Fig: P

- a) What is classification? 1
- b) What do you know about histology? 2
- c) Explain the position of Fig 'M' according to Margulis classification. 3
- d) How 'M' 'N' and "P" are important for human? Analyze. 4

2.



- a) Write the scientific name of Doel bird. 1
- b) Why is Carolus Linnaeus famous? 2
- c) Describe the system of scientific name mentioned in the system 'D'. 3
- d) The living being which belong to 'C' is more advanced than the living being that belongs to 'B' - Analyze. 4

3. 'P' and 'Q' are two tissues. 'P' is liquid in structure and 'Q' is formed with Ca like material. 'Q' tissue has roles for the formation of different elements of 'P' tissue.

- a) What is endocrine gland? 1
- b) Which tissue is called conducting tissue? Explain with causes. 2
- c) In the stem, 'P' and 'Q' are same tissue.- Explain. 3
- d) Through 'P' and 'Q' are same but they have structural differences.- Analyze it. 4

4.

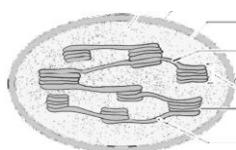


Fig : A

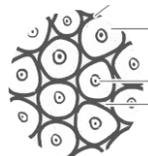


Fig : B

- a) What is oxysome? 1
- b) What is meant by centrosome? 2
- c) Explain the structural features of the contents of the figure marked with 'B'. 3
- d) How is the organelle marked with 'a' in the stem above maintaining the whole living world? - Analyze. 4

**Group-B**

Choose the best answer and write in answer script.

1×20=20

1. Aristotle was the citizen of which country?
  - a) Rome
  - b) France
  - c) Greek
  - d) Italy
2. In which year does Carolus Linnaeus wrote the book Species Plantarum?
  - a) 1653
  - b) 1753
  - c) 1853
  - d) 1763
3. Applicable for the word Biology-
  - i. Formed by the combination of word bios and logos
  - ii. Derived from the Greek word
  - iii. Has the role in case of medical and agriculture

Which one is correct?

- a) i and ii                      b) ii and iii                      c) i and iii                      d) i, ii and iii

4. Embryology discussed about-

- i. gene  
ii. embryo  
iii. cell

Which one is correct?

- a) i                      b) ii                      c) i                      d) i, ii and iii

**Answer to the questions no 5 & 6 according to the Fig: A**



Fig: A

5. Fig: A belongs to which branch of the following?

- a) Entomology                      b) Microbiology                      c) Parasitology                      d) Agriculture

6. Which of the following is a characteristic of Fig: A?

- i. it is heterotrophic  
ii. it has complex tissue system  
iii. they are parasitic

Which one is correct?

- a) i                      b) ii                      c) i                      d) i, ii and iii

**Read the following extract and answer the question numbers 7 and 8.**

In 1758 a Swedish naturalist invented a different method for the name of organisms. Through this method we can know about the living organisms in a short period of time.

7. What is the name of scientist mentioned in above stem?

- a) R.H Whittaker                      b) Margules                      c) Carolus Linnaeus                      d) Robert Hook

8. The introduced method-

- i. was published in the 8<sup>th</sup> part of systema Nature  
ii. defined the term of genus and species  
iii. was introduced in 1758

Which of the following is correct?

- a) i & ii                      b) ii & iii                      c) i and iii                      d) i, ii & iii

9. Which one is done protein synthesis?

- a) Centrosome & chromosome                      b) Chromosome & lysosome  
c) Lysosome & Ribosome                      d) Ribosome & Endoplasmic reticulum

10. Auxon is a part of which type of cell?

- a) Epithelial cell                      b) Neuron cell                      c) Bone cell                      d) Muscel cell

11. Which one of the following are applied to parenchyma tissue?

- i. Thin walled  
ii. Intercellular space is found  
iii. Stone cells are found

Which of the following is correct?

- a) i & ii                      b) ii & iii                      c) i and iii                      d) i, ii & iii

**Answer the question number 12 in the light of given figure.**



Figure: X

12. Figure:X –

- i. connected different types of tissue  
ii. present in the outer layer of artery  
iii. contain huge amount of matrix

Which of the following is correct?

- a) i & ii                      b) ii & iii                      c) i and iii                      d) i, ii & iii

13. Which tissue provides rigidity to leucas plant?

- a) Tracheides                      b) Vessel                      c) Sclerenchyma                      d) Collenchyma

14. Which one is correct for Bast fiber?

- a) Forms sieve tube                      b) Attached with the cell membrane  
c) Forms sieve plate                      d) Formed at the time of secondary growth

15. Phloem parenchyma found in which one?

- a) Wheat                                      b) Paddy                                      c) Cocuonut                                      d) Mango
16. In which year did Whittaker propose the five Kingdoms system?  
 a) 1959                                      b) 1969                                      c) 1979                                      d) 1989
17. Which one is the example of protista?  
 a) Bacteria                                      b) Diatom                                      c) Yeast                                      d) Mushroom

**On the basis of the table answer the questions 18, 19, and 20**

Sample –E	There mode of nutrition is absorption
Sample –F	Ingests food
Sample –G	There is no nuclear membrane in their cell
Sample –H	Sexual reproduction is anisogamous

18. Which sample includes the species of the Kingdom-Animalia?  
 a) Sample-E                                      b) Sample –F                                      c) Sample –G                                      d) Sample –H
19. Which is the advanced type of plant?  
 a) Sample –E                                      b) Sample –F                                      c) Sample –G                                      d) Sample –H
20. It can be included in the prokaryotic organism-  
 i. Sample –E                                      ii. Sample –F                                      iii. Sample –G  
 Which one of the following is correct?  
 a) i and ii                                      b) i and iii                                      c) ii and iii                                      d) i, ii and iii