

## MISSION M.B.BS

Date: 20/06/2022

Subject: BOTANY

Topic : BIOLOGICAL  
CLASSIFICATION - L5

Class: Standard XI

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Instructions:

A

1. Which among the following is not a parasitic protozoan?
  - A. *Plasmodium vivax*
  - B. *Trypanosoma gambiense*
  - C. *Amoeba proteus*
  - D. *Entamoeba histolytica*
2. Given below is an assertion and reason.
  - A. Both assertion and reason are true and reason is the correct explanation
  - B. Both assertion and reason are true but reason is not the correct explanation
  - C. Assertion is true, but reason is wrong
  - D. Both assertion and reason are wrong

**Assertion:** Euglena has chlorophyll, a feature similar to plants.

**Reason:** Euglena cannot be classified on the basis of two kingdom classification.

- A. A
- B. B
- C. C
- D. D

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3. *Plasmodium* belongs to

- A. amoeboid protozoans
- B. flagellated protozoans
- C. ciliated protozoans
- D. sporozoans

4. Match the columns.

	Column I		Column II
I.	Chrysophytes	A.	<i>Paramecium</i>
II.	Dinoflagellates	B.	<i>Euglena</i>
III.	Euglenoids	C.	<i>Gonyaulax</i>
IV.	Protozoans	D.	Diatoms

- A. I-D, II-C, III-B, IV-A
- B. I-B, II-C, III-A, IV-D
- C. I-B, II-D, III-C, IV-A
- D. I-D, II-B, III-C, IV-A

5. Which one among the following does not belong to Monera?

- A. Slime molds
- B. *Mycoplasma*
- C. Eubacteria
- D. Archaeobacteria

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6. Which of the following is the wrong pair?
  - A. Spherical bacteria - Coccus
  - B. Rod shaped bacteria - Bacillus
  - C. T shaped bacteria -Vibrium
  - D. Spiral bacteria - Spirillum
  
7. Biogas is produced by
  - A. Eubacteria
  - B. Archaeobacteria
  - C. Cyanobacteria
  - D. *Mycoplasma*
  
8. Which of the following is not correct?
  - A. Cyanobacteria are photosynthetic prokaryotes
  - B. Heterocysts are special cells in certain cyanobacteria which function in nitrogen fixation
  - C. Heterotrophic bacteria are more abundant than autotrophic bacteria
  - D. Citrus canker is caused by a fungus
  
9. In Whittaker's five kingdom classification, which kingdom is considered as a 'grab-bag' of unnatural assemblage of organisms?
  - A. Monera
  - B. Protista
  - C. Mycota
  - D. Animalia

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10. What is the common feature of *Gonyaulax*, *Euglena*, *Amoeba* and *Pinnularia*?
- A. They show holozoic nutrition
  - B. They show autotrophic nutrition
  - C. They are unicellular and prokaryotic
  - D. They are unicellular and eukaryotic