

NEET – C2 - BIOLOGICAL CLASSIFICATION

1. In Whittaker's system of classification prokaryotes are placed in the kingdom

- A. Protista
 B. Monera
 C. Plantae
 D. Animalia

2. Bacterial reproduction is

- A. Only asexual
 B. Only sexual
 C. Mostly asexual
 D. Mostly sexual

3. In bacteria the site for respiratory activity is found in

- A. Episome
 B. Microsome
 C. Ribosome
 D. Cell membrane/Mesosome

4. Match the names of diseases given under column I with the names of the causal agents given under column II. Choose the answer which gives the correct matching of the alphabets of the two columns

Column I		Column II	
(Disease)		(Causal agents)	
a	AIDS	p	Yersinia pestis
b	Syphilis	q	Hepatitis-B virus
c	Viral Jaundice	r	Treponoina pallidum
d	Gonorrhoea	s	Neisseria gonorrhoeae
		t	HIV

- A. a-t, b-q, c-p, d-s
 B. a-t, b-p, c-q, d-s
 C. a-t, b-q, c-n, d-s
 D. a-t, b-r, c-q, d-s

5. Bacteria found in legume root nodules belong to genus

- A. Xanthomonas
 B. Rhizobium
 C. Pseudomonas
 D. Azotobacter

6. A bacterium with flagella all around is

- A. Amphitrichous
 B. Lophotrichous
 C. Cephalotrichous
 D. Peritrichous

7. Bacteria have incipient nucleus (nucleoid) and hence they are placed in

- A. Prokaryota
 B. Eukaryota
 C. Fungi
 D. Protista

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8. Thermal-bacteria survive in

- A. Hot water near 100°C
B. Hot water near 85°C
C. Hot sulphur spring near 70°C
D. All the above

9. During bacterial conjugation there is usually

- A. Mutual and complete exchange of genetic material between two conjugants
B. Complete transfer of genetic material from one conjugant to the other
C. Only a partial transfer of genetic material from one conjugant to the other
D. A partial but material exchange of genetic material between the conjugants

10. Genetic material of a prokaryotic cell consists of

- A. Nucleus, chromatin and nucleoplasm
B. Nucleoid and no nucleolus
C. Nucleoid with nuclear envelope and nucleolus
D. Nucleoid along with proteins

11. Leguminous plants are important in agriculture because

- A. They are disease resistant
B. They have high amounts of proteins
C. They require less nitrogen for growth
D. Nitrogen fixing bacteria are symbiotically associated in them

12. Unicellularity is characteristic of

- A. Cyanobacteria
B. Monera
C. Protista
D. All the above

13. Euglena occurs in

- A. Sea
B. Fresh water
C. Both A and B
D. Moist soils

14. Diatoms stay afloat due to

- A. Pseudopodia
B. Flagella
C. Stored lipids
D. All the above

15. Sexual reproduction of Spirogyra is an advanced feature as it shows

- A. Different sizes of motile sex organs
B. Same size of motile sex organs
C. Morphologically different sex organs
D. Physiologically different sex organs

16. Life cycle of Plasmodium is

- A. monogenetic
B. digenetic
C. trigenetic
D. polygenetic

17. Carriers of Entamoeba histolytica are

- A. mosquito of genus-Anopheles
B. cattle
C. Musca domestica (housefly)
D. healthy human host

18. 'Ergot' is obtained from

- A. Puccinia
B. Rhizopus
C. Claviceps
D. Yeast

19. Fleming discovered Penicillin from

- A. Penicillium notatum
B. P. roqueforti
C. P. camemberti
D. P. chrysogenum

20. Gills of a mushroom take part in

- A. Respiration
B. Enhancing buoyancy
C. Nutrition
D. Bearing spores for reproduction

21. Cheese maturation is connected with

- A. Aspergillus oiyzae
B. Aspergillus niger
C. Penicillium camemberti
D. Penicillium

22. Caulimo (Cauliflower Mosaic) viruses have

- A. Double stranded DNA
B. Single stranded DNA
C. Single stranded RNA
D. Double stranded RNA

23. Viruses which infect bacteria, multiply and causes their lysis are

- A. Lysozymes
B. Lipolytic
C. Lysogenic
D. Lytic

24. RNA containing viruses belong to

- A. Ribocubica
B. Ribobinala
C. Ribovira
D. Deoxyvira

25. Viruses are living because

- A. They can reproduce
B. They have protein synthesizing machinery
C. They have some genes
D. They are parasites

NEET - C2 - BIOLOGICAL CLASSIFICATION - KEY

1. B	2. C	3. D	4. D	5. C
6. D	7. A	8. C	9. C	10. B
11. D	12. C	13. B	14. C	15. D
16. B	17. C	18. C	19. A	20. D
21. C	22. A	23. D	24. C	25. A

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