# MYCOPLASMA EXERCISE

**1.** The cell wall less pleomorphic prokaryotic organism are called :
(1) Bacteria (2) Virus
(3) Mycoplasma (4) Bacteriophage

**2.** Plant MLO was discovered by :
(1) Nocard & Roux (2) Doi and Ishii
(3) Ivanowsky (4) Hershy & Chase

**3.** Mycoplasma are placed in :
(1) Eubacteria (2) Mollicutes
(3) Spirochaeta (4) Mycota

**4.** Which of the following is essential for growth of mycoplasma in culture media :
(1) $N_2$ (2) Nucleic acid
(3) Cholesterol (4) Lipid

**5.** Function of elementary bodies in Mycoplasma is :
(1) Respiration (2) Excretion
(3) Reproduction (4) Foo synthesis

**6.** Mycoplasma infect which tissue in animal body :
(1) Bone (2) Cartilage
(3) Epitheliium (4) Muscles

**7.** Mycoplasma like mollicutes which do not require sterols in culture medium are called :
(1) PPLO (2) MLO
(3) Acholeplasma (4) Spirochaetes

**8.** Which microbes is capable of growth and reproduction itself :
(1) Mycoplasma (2) Virus
(3) Viroid (4) Ribovirus

**9.** Who discovereed mycoplasm :
(1) Ivanowsky (2) Lederberg
(3) Nocard & Roux (4) Lister

**10.** In liquid culture mycoplasma becomes :
(1) Coccoid in shap (2) Filamentous
(3) Ring shaped (4) Plate like

**11.** Mycoplams is a :
(1) Walled prokaryote (2) Wall less eukaryote
(3) Wall less prokaryote (4) L - form

**12.** Mycoplasma is :
(1) Round (2) Pleomorphic
(3) Rod shaped (4) None

**13.** Mycoplasma is resistant to :
(1) Penicillin (2) Tetracyclins
(3) Spectinomycin (4) All

**14.** Mycoplasma generally reproduced through :
(1) Vegetative method (2) Asexual method
(3) Sexual method (4) Prasexual cycle

**15.** Mycoplasma differs from virus in being sensitive to:
(1) Sugar (2) Protein
(3) Amino acids (4) Tetracyclins

**16.** Little leaf disease of brinjal is caused by :
(1) Virus (2) Fungus
(3) Mycoplasma (4) Algae

**17.** Which of the following is not caused by mycoplasma :
(1) Little leaf of brinjal
(2) Stub born disease of citrus
(3) Citrus cancer
(4) Witches broom of potato

**18.** Which mycoplasma cause sterlity in human being :
(1) M. pneumonia (2) M. hominis
(3) Spiroplasma (4) Thermoplasma

**19.** Mycoplasma differs from L-forms bacteria in :
(1) Size of genophre (2) growth
(3) Culture method (4) All of the above

**20.** In “Aster yellow” desease which tissue infected by mycoplasma is :
(1) Trachied (2) scieve tube
(3) Both (4) None

**21.** Mycoplasma differ from viruses in :
(1) In requires cholesterol
(2) In can be grown n a cell free medium
(3) It is not always parasite
(4) None

**22.** Mycoplasma neither possess cell wall nor vacuole & plastid yet it is not included in animal kingdom because it has :
(1) Genophore (2) 70 S Ribosome
(3) Osmotrophic mode of nutrition
(4) Episome

**23.** Which is the smallest cellular free living organism :

(1) Yeast (2) Virus

(3) Mycoplsma (4) Bacteria

**24.** Which of the following is caused by mycoplasma :

(1) Tuberculosis

(2) Chicken cholera

(3) Penicillin resistant pneumonia

(4) Gangrene

**25.** Which is/are absent in Mycoplasma :

(1) Cell wall (2) Chloroplast

(3) Mitochondria (4) All of the above

**26.** The abbreviation PPLO stands for :

(1) Pale pneumonia like organism

(2) Pleuro plasma like organism

(3) Pleurisy pneumonia like organism

(4) Pleuro pneumonia like organism

## MYCOPLASMA

## ANSWER KEY

| Que. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ans.** | **3** | **2** | **2** | **3** | **3** | **3** | **3** | **1** | **3** | **3** | **3** | **2** | **1** | **1** | **4** |
| Que. | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | | | |
| **Ans.** | **3** | **3** | **2** | **4** | **2** | **2** | **3** | **3** | **3** | **4** | **4** | | | | |