



1. Explain the pathogenicity, lab diagnosis and prophylaxis of HBV.
2. Briefly explain the morphology, life cycle and pathogenicity of amoebic liver abscess.

SHORT ESSAYS

10 X 5 = 50 Marks

3. Hydatid cyst
4. Life cycle of *Wuchereria bancrofti*
5. Gonorrhea
6. Explain gaseous agents as sterilizing agents.
7. Bacterial growth curve
8. Conjugation
9. IFN
10. Inclusion body
11. Hospital acquired infection
12. Leprosy

Multiple Choice Questions

10 X 1 = 10 Marks

13. Name a special media used to grow *Mycobacterium tuberculosis*
 - a) Tellurite agar
 - b) L J media
 - c) DCA
 - d) Bird seed agar
14. Owl's eye refers to
 - a) Inclusion body
 - b) Interference
 - c) Haeme agglutination
 - d) Haeme adsorption
15. Select the cell used in Diploid cell culture.
 - a) Monocyte
 - b) RBC
 - c) Fibroblast
 - d) Nerve cell
16. Name an opportunistic fungi
 - a) *Aspergillus* sp
 - b) *Tricophyton*
 - c) *Epidermophyton*
 - d) *Microsporum*





19. Name a vector borne disease
- a) AIDS
 - b) Measles
 - c) Mumps
 - d) Malaria
20. Shape of rabies virus is
- a) Bullet
 - b) Spherical
 - c) Filamentous
 - d) Brick
21. Nosocomial infection is otherwise known as
- a) Enteric infection
 - b) Food poisoning
 - c) Hospital acquired infection
 - d) Vector borne infection
22. Decolourising agent used in case of ZN stain
- a) Acetone
 - b) Alcohol
 - c) Sulfuric acid
 - d) Hydrochloric acid

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