

Royal College of Arts, Science and Commerce

Sample Question Set
TYBSc Semester VI Examination

MICROBIOLOGY II - Medical Microbiology and Immunology Part II

- 1 Which medium is used for selective growth of *Neisseria* spp? 1
 - a. Brain Heart Infusion Agar
 - b. Thayer Martin Agar
 - c. Mueller-Hinton Agar
 - d. Chocolate Agar

- 2 Malarial parasites are in _____ form when they infect humans 1
 - a. Merozoites
 - b. Trophozoites
 - c. Sporozoites
 - d. Hypnozoites

- 3 Which is the final stage of HIV infection? 1
 - a. Acquired Immuno Defective Syndrome
 - b. Acquired Immuno Deficiency Syndrome
 - c. Acquired Immune Depleted Symptoms
 - d. Acquired Immune Defective Symptoms

- 4 Polio vaccine used in PULSE POLIO Programme is 1
 - a. heat killed vaccine
 - b. live attenuated vaccine
 - c. subunit vaccine
 - d. DNA vaccine

- 5 Reagin antibodies are tested using 2
 - a. Nicholl's strain
 - b. Cardiolipin
 - c. Reiter's strain
 - d. Lecithin

- 6 _____ is an aminoglycoside antibiotic. 1
 - a. Penicillin
 - b. Streptomycin
 - c. Erythromycin
 - d. Tetracycline

- 7 Sulfa drug affects synthesis of 1
 - a. Threonine
 - b. Tetrahydrofolate
 - c. Trimethoprim
 - d. Thrombin

- 8 Drug resistant pathogens cannot 2
- a. degrade the drug
 - b. modify the drug
 - c. allow entry of the drug
 - d. get killed with the drug
- 9 Kirby Bauer test is a 1
- a. Broth dilution test
 - b. Agar dilution test
 - c. Agar diffusion test
 - d. Disc diffusion test
- 10 Polyene antibiotics are used against 1
- a. Bacteria
 - b. Viruses
 - c. Fungi
 - d. Protozoa
- 11 Granzymes are also called _____ 2
- a. Perforins
 - b. Fragmentins
 - c. Lysozyme
 - d. Caspases
- 12 CD40L belongs to 1
- a. TNF family
 - b. TNFR family
 - c. IFN family
 - d. IL family
- 13 Secondary immune response is seen after _____ of antigenic attack 1
- a. 8 - 10 days
 - b. 3 - 4 days
 - c. 15 - 20 days
 - d. 10 - 15 days
- 14 TAPA is a _____ 2
- a. T cell co-receptor
 - b. T cell receptor
 - c. B cell receptor
 - d. B cell co-receptor
- 15 Both T and B cells are found in abundance in 1
- a. Capsule
 - b. Cortex
 - c. Paracortex
 - d. Medulla

- 16 Antibodies in breast milk is an example of 1
- a. natural active immunity
 - b. artificial active immunity
 - c. natural passive immunity
 - d. artificial passive immunity
- 17 Complement component which is anaphylatoxin 1
- a. C1q
 - b. C2a
 - c. C3a
 - d. C4a
- 18 Iso-antibodies are absent in _____ blood group 1
- a. A
 - b. B
 - c. AB
 - d. O
- 19 What is the selective agent present in HAT medium 2
- a. Hypoxanthine
 - b. Aminopterin
 - c. Thymidine
 - d. Xanthine
- 20 BCG vaccine is obtained from 1
- a. *Mycobacterium smegmatis*
 - b. *Mycobacterium tuberculosis*
 - c. *Mycobacterium bovis*
 - d. *Mycobacterium africanum*