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181941/121941/031941

**4th Sem / Branch : DMLT  
Subject:- Clinical Microbiology-IV**

Time : 3Hrs.

M.M. : 100

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory  
(10x1=10)

Q.1 Cocc bacteria are \_\_\_\_\_ shaped

- a) Spherical
- b) Coma
- c) Rod
- d) None of above

Q.2 Study of fungi is \_\_\_\_\_

- a) Fungiology
- b) Mycology
- c) Microbiology
- d) Virology

Q.3 Syphilis is caused by

- a) Triponema pallidum
- b) Neisseria
- c) HIV
- d) HBV

Q.4 Defense mechanism of a host against foreign body is known as

- a) Pathogenicity
- b) Hypersensitivity
- c) Immunity
- d) None of these

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Q.5 Full form of ATP is

- a) Adenosine triphosphate
- b) Adenosine triphosphorus
- c) Both (a) & (b)
- d) None of above

Q.6 Which of these are largest immunoglobulin

- a) IgG
- b) IgA
- c) IgD
- d) IgM

Q.7 Toxins produced by fungi are called as

- a) Exotoxins
- b) Mycotoxins
- c) Neurotoxins
- d) Enterotoxins

Q.8 Culture media commonly used for fungi is

- a) CMA
- b) SDA
- c) Corn meal agar
- d) Blood agar

Q.9 Which type of test is done for enteric fever

- a) Widal test
- b) ASO titer
- c) VDRL test
- d) Weil Felix test

Q.10 The most prominent immunoglobulin is

- a) IgG
- b) IgA
- c) IgD
- d) IgM

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## **SECTION-B**

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name any two clinical important fungi  
Q.12 Expand BHAI  
Q.13 What is ringworm infection?  
Q.14 Define antigen.  
Q.15 Which cell produces antibodies?  
Q.16 Name the reagent used in negative staining.  
Q.17 What is Immunity?  
Q.18 Name the two examples of antigen antibody reaction.  
Q.19 Which antibody can cross the placenta?  
Q.20 Expand ELISA

## **SECTION-C**

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 How will you collect skin sample for fungal identification?  
Q.22 Write about the general characteristics of fungi.  
Q.23 Give the differences between innate and acquired immunity.  
Q.24 Write a short note on lab diagnosis of candida.

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- Q.25 What is antigen antibody reaction?  
Q.26 How will you inoculate fungus in clinical lab?  
Q.27 Write down the principle and procedure of Widal Test.  
Q.28 Give the composition of SDA culture media.  
Q.29 Explain Inoculations of Culture Media.  
Q.30 Give the different function of antibodies?  
Q.31 What are the properties of antigens?  
Q.32 Write down the Importance of Microbiology in our daily life.  
Q.33 Draw the structure of antibody.  
Q.34 Write down the principle and procedure of VDRL test.  
Q.35 Write a short note on Immunity.

## **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Write down the principle and procedure of ELISA test.  
Q.37 Explain co-agglutination test for Antigen-Antibody reaction.  
Q.38 Write down the principle and procedure of LCB test for identification of fungi.

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