

No. of Printed Pages : 4
Roll No.

181941/121941/031941

4th Sem / Branch : DMLT
Sub.: Clinical Microbiology - IV

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 Rhizopus is a

- a) Fungi
- b) Bacteria
- c) Algae
- d) None of above

Q.2 Study of fungi is _____

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

Q.3 VDRL test is for diagnosis of

- a) Syphilis
- b) TB
- c) HIV
- d) HBV

Q.4 Antibodies are made up of

- a) Amino acids
- b) Carbohydrates
- c) Vitamins
- d) None of these

Q.5 Full form of ADP is

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

Q.6 Which of these is not a immunoglobulin

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

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 starch 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 _____ immunoglobulin is found in allergic conditions

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

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SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.11 Name any two clinically important fungi.
- Q.12 Expand BHIA.
- Q.13 Name any two fungal culture media?
- Q.14 What is Hypha.
- Q.15 Name the cells provide immunity?
- Q.16 Name the reagent used in negative staining.
- Q.17 Why immunity is important for humans?
- Q.18 Name the example of antigen antibody reaction.
- Q.19 Which antibody helps in fighting against parasitic infections?
- Q.20 Widal Test is done for _____.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

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

- Q.25 Write a note on antigen - antibody reaction?
- Q.26 How will you inoculate fungus in clinical lab?
- Q.27 Write down the principle ELISA test.
- Q.28 Give the composition of BHIA culture media.
- Q.29 Explain the mechanism of acquired immunity.
- Q.30 What are the different function of antibodies?
- Q.31 Give the classification of antigens?
- Q.32 Why microbiology is important in our daily life.
- Q.33 Explain the mechanism of acquired immunity.
- Q.34 Write down the principle and procedure of CRP test.
- Q.35 Write a short note on precipitation reaction.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 10 = 20)$

- Q.36 Write down the principle and procedure of ASO test.
- Q.37 What is syphilis? How will you diagnose this disease?
- Q.38 Write down the principle and procedure of LCB test for identification of fungi.