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181931/121931/031931

**3rd Sem / DMLT**  
**Subject:- Clinical Microbiology-III**

Time : 3Hrs.

M.M. : 100

**SECTION-A**

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

Q.1 Expand RIA.

- a) Radio Immuno assay
- b) Radio Immunity Assay
- c) Both a and b
- d) None of these .

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

- a) Mycology
- b) Parasitology
- c) Virology
- d) none

Q.3 Organism depend upon host for their nourishment and shelter is \_\_\_\_\_

- a) host
- b) Parasite
- c) Flora
- d) virus

Q.4 Aggregated mass of antigen and antibody is called \_\_\_\_\_.  
a) agglutination      b) flocculation

c) Shaking      d) None of these  
Q.5 Expand VTM

- a) Virus Transport media
- b) Virus transfer Media
- c) Viral transport medium
- d) Viral transport medium

Q.6 Cestodes is known as

- a) Fluke worms
- b) tape worms
- c) flat worms
- d) none of these

Q.7 Color of stool in Jaundice .....

- a) Yellow
- b) Green
- c) Pink
- d) Orange

Q.8 In malaria, which sample is preferred

- a) Stool
- b) csf
- c) blood
- d) none of these

Q.9 Which cause the malaria disease.

- a) parasite
- b) virus
- c) bacteria
- d) fungi

Q.10 Expand STD ?

- a) Sexually transfer disease
- b) Sexually transmitted disease
- c) schizont transfer disease
- d) none of these

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## **SECTION-B**

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

Q.11 Define helminthology ?

Q.12 The scolex of T. saginata has \_\_\_\_\_ suckers. (4/6/8)

Q.13 What are the reason behind rabies virus .

Q.14 Define concentration technique .

Q.15 Define Haemolysis .

Q.16 Shape of virion of adenovirus is \_\_\_\_\_ (spherical / bullet/round) .

Q.17 Which stain is used for microscopic examination of malaria ?

Q.18 Polio virus affect the \_\_\_\_\_ ( spinal cord / Heart / Muscles )

Q.19 Hookworm infection is diagnosed by detecting egg in fresh stool. (True / False)

Q.20 Which organ is affected by the Ascaris lumbricoides?

## **SECTION-C**

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

Q.21 Explain the life cycle of G. lamblia

Q.22 Describe classification of protozoa.

Q.23 Write the lab diagnosis of A. lumbricoides.

Q.24 Write a short note on Virology .

Q.25 Explain morphology of E. histolytica .

Q.26 Define the parasite and its types.

Q.27 Draw the life cycle of T. solium

Q.28 Describe morphological of HBV ..

Q.29 Write the procedure of zinc sulphate concentration technique ?

Q.30 Write a short note on stool collection and preservation.

Q.31 Explain flotation technique.

Q.32 Define malaria & write its symptoms ?

Q.33 Write the procedure to diagnose the malaria.

Q.34 Differentiate between ova and cyst ?

Q.35 Explain the morphology of plasmodium falciparum.

## **SECTION-D**

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

Q.36 Explain the pathogenicity , lab diagnosis and prevention of HBV

Q.37 Describe antigen & antibody reaction with suitable example.

Q.38 Explain virus characteristics and their classification with diagram .