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Roll No. ....

**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

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=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. (12x5=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. (2x10=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 .