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Roll No.

181931/121931/031931

3rd Sem.
Branch : DMLT
Sub: Clinical Microbiology-III

Time : 3 Hrs. M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 The cause of malaria disease is
a) Bacteria b) Virus
c) Parasite d) Fungi
- Q.2 Study of Fungi is ____.
a) Mycology b) Parasitology
c) Virology d) None
- Q.3 Micro organism depends upon host for their growth 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 Polio virus affects the
a) Muscles b) Brain
c) Spinal cord d) Kidney
- Q.7 Rabies can be spread by
a) Pigs b) Dogs
c) Cows d) Goats
- Q.8 In Malaria, What type of smear is prepared
a) Stool smear b) CSF smear
c) Thick blood smear d) None of these
- Q.9 Which cause the COVID 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 Floatation technique uses a liquid with ____ for the separation of protozoan cyst.
- Q.12 The scolex of T. Saginata has ____ suckers. (4/6/8)
- Q.13 What is the reason behind polio.
- Q.14 What is concentration technique.

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- 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 ____ virus affects the Spinal Cord.
- Q.19 Hookworm infection is diagnosed by detecting egg in fresh _____.
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 Draw a structure of cyst.
- Q.22 Write the classification of protozoa.
- Q.23 Write the lab diagnosis of Ascaris lumbricoides.
- Q.24 Write a short note on two disease caused by viruses.
- Q.25 Give the morphology of E. Histolytica.
- Q.26 Write the different types of parasites.
- Q.27 Draw the life cycle of T. Solium.
- Q.28 Write about the morphology of HBV.
- Q.29 Give the procedure of concentration technique.
- Q.30 Write a short note on collection of stool and its preservation.
- Q.31 Write the collection procedure of various viral samples.
- Q.32 What are the symptoms of malaria.
- Q.33 Write the procedure to diagnose the malaria.

- Q.34 Write the difference between fertilized egg and non-fertilized egg.
- Q.35 Explain the morphology of plasmodium falciparum.

SECTION-D

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

- Q.36 Explain the classification of viruses with diagram.
- Q.37 Draw a well labelled diagram of malaria parasite life cycle.
- Q.38 Explain the life cycle of Ancylostoma duodenale