

**M.D. DEGREE EXAMINATION
BRANCH IV – MICROBIOLOGY
PAPER III – VIROLOGY AND PARASITOLOGY**

Q.P.Code: 202016

Time: Three Hours

Maximum: 100 Marks

I. Essay Questions:

(2 x 10 = 20)

1. Discuss on viral vaccines.
2. Discuss in detail Intestinal and extra intestinal amoebiasis.

II. Short Questions:

(8 x 5 = 40)

1. MERS.
2. Viral oncogens.
3. Permanent staining technique in stool examination.
4. Laboratory diagnosis of HIV.
5. Coccidian parasites causing diarrhea.
6. HHV 8.
7. Balantidium coli.
8. Hepatitis C virus.

III. Reasoning Out:

(4 x 5 = 20)

1. Thick and thin smears used in the diagnosis of malaria.
2. In hydatid disease diagnostic aspiration not recommended.
3. Testing for HIV during clinical procedures is not mandatory.
4. Infection control practices should be followed in Parvovirus B19 infection.

IV. Very Short Answers:

(10 x 2 = 20)

1. Espundia.
2. Guarnieri bodies.
3. Ts mutant.
4. Xenodiagnosis.
5. Diploid cell culture.
6. Measly beef.
7. Casoni's test.
8. Buffy coat.
9. Calabar swelling.
10. Oseltamivir.
