



[KZ 541]

AUGUST 2011

Sub. Code : 4062

SECOND M.B.B.S. DEGREE EXAMINATION
Revised (Non-Semester) Regulations
Paper II – VIROLOGY, MYCOLOGY, PARASITOLOGY
AND APPLIED MICROBIOLOGY

Q. P. Code : 524062

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 15 = 30)

1. Describe the morphology, pathogenesis and laboratory diagnosis of Hepatitis B virus.
2. Enumerate the intestinal nematodes of medical importance.
Describe the morphology, life cycle and laboratory diagnosis of *Ascaris lumbricoides*.

II. Write Short notes on :

(10 x 5 = 50)

1. Viral cell cultures.
2. Measles virus.
3. Rota virus.
4. Rhinosporidiosis.
5. Cysticercosis.
6. Concentration methods for stool EXAMINATION
7. Primary anaerobic meningo encephalitis.
8. Laboratory diagnosis of HIV infection.
9. Opportunistic fungal infections.
10. Bacteriology of milk.

III. Short Answer questions :

(10 x 2 = 20)

1. Name four dimorphic fungi.
2. Name the medically important trematodes.
3. Name the opportunistic viral infections in AIDS.
4. Name the killed viral vaccines.
5. Mention the diseases caused by Coxsackie virus.
6. Diagram of *Balantidium coli*.
7. Name four medically important candida.
8. Name the parasites causing anaemia.
9. Ectothrix and Endothrix infection of hair.
10. Name the virus causing conjunctivitis.

