

134-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2013

MICROBIOLOGY

Paper-III : Virology, Mycology and Parasitology

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Pathogenesis and laboratory diagnosis of human rabies.
2. Give an account of SARS virus.
3. Describe hepatitis E virus. Add a note on its laboratory diagnosis.
4. Prion mediated diseases in humans.
5. Discuss the pathogenesis and newer diagnostic methods of neurocysticercosis.
6. Name the parasites causing anaemia. Describe Ankylostomiasis.
7. Describe the epidemiology of Kala azar in India. Add a note on laboratory diagnosis of the condition.
8. Clinical manifestations and diagnosis of *Strongyloides stercoralis* in HIV patients.
9. Discuss recent approaches for diagnosis of lymphatic filariasis.
10. Discuss the epidemiology of cryptococcal meningitis in India. Add a note on laboratory diagnosis of the condition.

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