

[LD 1013]

OCTOBER 2013
M.Sc NON-MEDICAL DEGREE EXAMINATION
FINAL YEAR
BRANCH V - MICROBIOLOGY
PAPER III – VIROLOGY AND PROTOZOOLOGY

Sub. Code: 2978

Q.P. Code : 282978

Time : 3 hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on :

(2X20=40)

1. Describe the morphology, pathogenesis, lab diagnosis and Immuno prophylaxis of Hepatitis B virus.
2. Describe in detail the life cycle , pathogenesis and lab diagnosis of Entamoeba histolytica. Add a note on extraintestinal amoebiasis.

II. Write notes on :

(10X6=60)

1. Pathogenesis and laboratory diagnosis of Leishmania donovani.
2. Cysticercosis cellulosae.
3. Cryptosporidium parvum.
4. Lab diagnosis of Plasmodium falciparum.
5. Strongyloides stercoralis.
6. Lab diagnosis of HIV.
7. Cell culture and cytopathic effect.
8. Lab diagnosis and immunoprophylaxis of polio.
9. Classify arboviruses. List arboviruses seen in India.
10. H1N1 virus.
