

[LF 541]

AUGUST 2014

Sub.Code :4062

**SECOND YEAR M.B.B.S. DEGREE EXAM  
PAPER IV – VIROLOGY, MYCOLOGY, PARASITOLOGY  
AND APPLIED MICROBIOLOGY**

*Q.P. Code: 524062*

**Time: Three hours**

**Maximum : 40 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(2x7.5=15)**

1. Classify Herpes viruses. Discuss the Laboratory diagnosis of chicken pox.
2. Discuss the pathogenesis and laboratory diagnosis of Kala Azar.

**II. Write Notes on:**

**(10 x1.5=15)**

1. Tinea versicolor
2. Extraintestinal amoebiasis
3. Tissue culture in viruses
4. Ancylostoma duodenale
5. Prophylaxis of Influenza
6. Toxoplasma gondii
7. Mycetoma
8. Bacteriophage
9. Sporotrichosis
10. Laboratory diagnosis of poliomyelitis

**III. Short Answers on:**

**(10 x1=10)**

1. Name the parasites that cause anemia. Mention the type of anemia caused.
2. What are free living amoebae? Name them
3. What are the media used for fungal cultivation?
4. Name the most common bacteria causing nosocomial infections.
5. What is germ tube test?
6. What are calabar swellings? Which parasite causes this lesion?
7. What are the complications of Ascaris infection?
8. What is cysticercus cellulosae?
9. Name the parasites that produce operculated eggs.
10. What is benign tertian malaria? Name the parasite that causes it.

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