

**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS),VELLORE-1.**

**SUB: MEDICAL MYCOLOGY, PARASITOLOGY AND ENTOMOLOGY  
(15CPMB3A)**

**UNIT 1 SECTION A**

1. Write about the laboratory techniques in parasitology.
2. Write the structure and diagnosis of *Entamoeba*.
3. Write a short note on *Leishmania*.
4. Write about the diagnosis for *Balantidium*.
5. Write about the infections caused by *Toxoplasma*.
6. Write a short note on Giardiasis.

**SECTION B**

1. Explain about the classification and cultivation of parasites.
2. Explain the lifecycle of *Plasmodium*.
3. Describe the cryptosporidiosis.
4. Explain the structure, life cycle, pathogenesis, treatment of *Trypanosoma*.
- 5 .Describe the pathogenesis and treatment of *Trichomonas spiralis*.

**UNIT II SECTION A**

1. Write about the structure and pathogenesis of *Fasciola hepatica*.
2. Write about the pathogenicity of *Paragonimus*.
3. Write a short note on Schistosomiasis.
4. Write about the life cycle of *Trichuris*.
5. Write a short note on *Enterobius*.
6. Write about the pathogenicity and treatment of *Trichinella*.

7. Write about *Strongyloides*.

### **SECTION B**

1. Explain the structure, pathogenesis, life history, treatment of taenia infections.
2. Explain about the Ascariasis.
3. Explain about the hookworm infections and treatment.
4. Explain about the *Wuchereria bancrofti*.

### **UNIT III      SECTION A**

1. Write about the classification of fungi.
2. Write about the taxonomy of fungi.
3. Write a short note on antifungal agents.
4. Write a note on mycotoxins.

### **SECTION B**

1. Explain about the detection and recovery of fungi from clinical specimens.
2. Explain the immunity to fungal infections.

### **UNIT IV      SECTION A**

1. Write about the piedra
2. A short note on cutaneous mycosis.
3. Describe about the candidiosis.
4. Write about the aspergillosis.

### **SECTION B**

1. Explain the subcutaneous mycosis.

2. Explain the systemic mycosis and treatment.
3. Explain about the opportunistic mycosis.

#### **UNIT V      SECTION A**

1. Write about the lifecycle of mosquitoes.
2. Write a short note on stages of ticks.
3. Write about the morphology and pathogenesis of flies.
4. Write the morphology and prevention for fleas.

#### **SECTION B**

1. Explain the different types of mites and their life history.
2. Explain about control of vectors.