

Board of Intermediate and Secondary Education, Rawalpindi
Practicle Microbiology II

45

Attempt all question. Question 1 & 2 carries 10 marks each, Question 3 carries 5 marks, Viva 20 marks, practicle copy 5 marks.

Q1 Examine the Blood film under microscope and identify the parasites. (10)

Q2 Perform Microscopic Examination of stool samples provided and report your findings for Ova and parasite etc (10)

Q3 Perform Microscopic examination of fungal growth provided and report your results (05)

Q4 VIVA (20)

Q5 Practicle Copy (05)

Section – B (20 Marks)

44

Note: Please attempt all questions. Each question carries 02 marks

- Q: 1. Enumerate different developmental stages of mosquitoes?
- Q: 2. Why insects are important?
- Q: 3. Name developmental stages of House fly?
- Q: 4. Draw life cycle of Hook worm?
- Q: 5. Name four Nematodes?
- Q: 6. what is bilharzias is?
- Q: 7. Draw life cycle of Dog tape worm?
- Q: 8. What is amoebic dysentery?
- Q: 9. What disease is caused by Leishmania Tropica?
- Q: 10. What is Tinea cruris?

Section – C (15 Marks)

Note: Attempt any two question from the following. Each question carries 7½ marks.

- 1. Describe life cycle of malaria parasite?
- 2. Describe life cycle of Entamoeba histolytic and disease produced by it?
- 3. Describe medically important fungal infections?

- a) Cyst, pre cyst, trophozoile meta cysts
- b) Cyst, Meta cyst, trophozoile pre cysts
- c) Meta cysts, cyst, trophozoile pre cyst
- d) Pre cysts, trophozoile, meta cysts, cyst

Q.4: Malarial parasites pass through different stages. Identify the stage found in Mosquitoes mouth parts.

- a) Trophozoile
- b) Schizonts
- c) Merozoites
- d) Gaemetocytes

Q. 5: Taenias are very important pathogens in humans, all belong to cestode category. Identify which of the following is dog tape worm.

- a) Taenia Saginata
- b) Taeni solium
- c) Taenia Ecnocoous granulosis
- d) Taenia H nana

Q.6: Which of the following is fish tape Worm?

- a) Taenia saginata
- b) Taenia H nana
- c) Echinococcus granulosis
- d) Diphyllbothriulatum

Q.7: Trematodes have different habitats. Identify the fluke which has lungs its habitat.

- a) Faciola hepatica
- b) Chlonorchis Sinensis
- c) Paragoniumus westermomi
- d) Faciolopsis buski

Q.8: fungi cause superficial subcutaneous, system infections. Identify one of the following w is subcutaneous Mycosis.

- a) Mallosezis
- b) Mycetoma
- c) Blastomycosis
- d) Candidida albicans

Board of Intermediate and Secondary Education, Rawalpindi
Microbiology Part-II

Time: 3 Hours

Total Marks: 50

Note: - All questions of this section are to be answered on the question paper itself.

It should be completed in first 15 minutes and handed to centre supervisor on duty.

Please use ball pen for answering the question.

Do not use led pencils (No Cutting or Erasing is acceptable.)

42

Section-A (15 Marks)

Fill in the blanks (05)

1. Cerebral malaria is caused by.....
2. Sand Fly spreads
3. Hydrated cyst is the larval form of
4. Dimorphic fungi grow in.....
5. Amoebic dysentery is caused by.....

Choose the correct answer. 10

Note: Encircle the correct answer with bal pen

Q.1: Some parasites are transmitted by inoculation of parasites in the blood by an insect vector. Identify the parasite which is not transmitted by inoculation.

- a) Plasmodia
- b) Leishmania
- c) Schistoma
- d) Trypanosomes

Q. 2: Anemia is reduced Hb's in blood and one of the causes is Hook worm infestation. Hook worm infestation occurs mainly

- a) By drinking contaminated water
- b) By penetration of skin
- c) By the bite of vector like mosquito
- d) By Sexual contact.

Q.3: Entamoebic histolytica passes through four stages. Identify the correct sequence of stages.