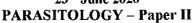
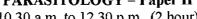


UNIVERSITY OF RUHUNA FACULTY OF MEDICINE

Third Examination for Medical Degrees (Part I) 23rd June 2020









10.30 a.m. to 12.30 p.m. (2 hour) ndex number: Tuesday 23rd June, 2020 Answer all four questions Illustrate your answers with labelled diagrams wherever necessary Use only the space provided for answering 1. A previously healthy 24-year-old male from India presented to a National Hospital with three days of fever, headache, and myalgia. He arrived in Sri Lanka 7 months before and has worked as a labourer at a construction site in Colombo. He gave a history of similar febrile episode when he was in India. The blood picture showed schizonts. 1.1. Name the most probable parasite which can cause the above presentation. (10 marks) Briefly explain how he contracted the parasite mentioned in 1.1. 1.2. (20 marks)



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE

Third Examination for Medical Degrees (Part I)

23rd June 2020

PARASITOLOGY - Paper II

10.30 a.m. to 12.30 p.m. (2 hour)







	Index number:			
1.3.	Describe how the blood film is being done	for the parasitological diagnosis.	(20 marks)	
1.4.	State another confirmatory test.		(10 marks)	
		· · · · · · · · · · · · · · · · · · ·	(20 1111110)	
L	· · · · · · · · · · · · · · · · · · ·			
1.5.	Outline the plan of management for this pa	itient.	(30 marks)	



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE

Third Examination for Medical Degrees (Part I)

23rd June 2020

PARASITOLOGY – Paper II

10.30 a.m. to 12.30 p.m. (2 hour)





	I Index number:
	<u> </u>
Γ	
i	
,	
1.6.	State two important steps taken by the Anti-Malaria Campaign to prevent the spread of the disease once
	the patient is diagnosed to be infected with the parasite mentioned under 1.1. (10 marks)
	•
-	







PARASITOLOGY – Paper II

10.30 a.m. to 12.30 p.m. (2 hour) I Index number: Tuesday 23rd June, 2020 Answer all four questions Illustrate your answers with labelled diagrams wherever necessary Use only the space provided for answering 2.1. Pet associated parasitic diseases-proven zoonoses are reported in Sri Lanka. 2.1.1. List three (03) pets known to cause zoonoses in Sri Lanka (06 marks) 2.1.2. List two (02) potential parasites under each category responsible for zoonoses in Sri Lanka. Nematodes (Intestinal) Nematode (Tissue) Cestode Protozoan (Intestinal) Protozoan (Tissue) Arthropods



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE Third Examination for Medical Degrees (Part I) 23rd June 2020 PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hour)





	I Index number:	
2.1.3. List five (05) clinical presentations associa	ted with parasites mentioned in 2.1.2.	(10marks
2.1.3. List five (05) diagnostic and treatment met	hods of the relevant parasites mentioned ir	1 2.1.2 . (10 marks
·		
·		
		·



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE Third Examination for Medical Degrees (Part I) 23rd June 2020 PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hour)





Index number:
2.2. Auto-infection is a reinfection with infective stage produced by the parasite already in the body.
2.2.1. State two types of auto-infections. (4 marks)
2.21. State two types of acto intections.
2.2.2. State two (02) parasitic species which cause types of auto-infections mentioned in 2.2.1. (16 marks)
2.2.3. List clinical features of infections caused by the parasites mentioned in 2.2.2. (10 marks)
·







PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hour)

I Index number: 2.2.4. List methods of diagnosis of infections caused by the parasites mentioned in 2.2.2. (10 marks) 2.2.5. Describe the management and the prevention of auto-infections causing parasites mentioned in 2.2.2. (10 marks)







PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hour)

	I Index number:	
Tuesday 23 rd June, 2020 Answer <u>all four</u> questions Illustrate your answers with Use only the space provided t	labelled diagrams wherever necessary	
progressive abdominal abdomen with marked	from Anuradhapura presented with intermittent fever, fatigue, wei distension over 7 months. On examination he was found to have a hepato-splenomegaly and lymphadenopathy. Investigations revealed bin level of 6 g/dl and positive rK39 antibody test.	distended
3.1.1. What is the most lik	cely clinical diagnosis?	(5 marks)
3.1.2. State the most proba	able causative agent of the clinical diagnosis mentioned in 3.1.1.	(5 marks)
3.1.3. Name two (02) other	er clinical forms which are caused by the parasite mentioned in 3.1.	2. in Sri Lanka. (10 marks)
3.1.4. Name three (03) po parasitological diagnos Specimen	ssible specimens and corresponding diagnostic tests used to arrive is Diagnostic test	at a (30 marks)
·		
<u> </u>		
I		







PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hour)

<i>f</i>	I Index number:
	3.2. A 10-year-old boy from an urban slum area presented with blood and mucous diarrhoea.
	3.2.1. List two (02) possible parasites which can cause blood and mucous diarrhoea in this boy. (10 marks)
	2.2.2 Designs describe the leboratory tests performed to envise at a provided size of the continuous (20 pm. 1.2)
	3.2.2. Briefly describe the laboratory tests performed to arrive at a parasitological diagnosis. (30 marks)
	·



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE and Examination for Medical Degrees (Part

Third Examination for Medical Degrees (Part I) 23rd June 2020



10.30 a.m. to 12.30 p.m. (2 hour)



I Index number:

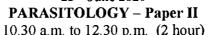


3.2.3. List the drugs used for the parasites you mentioned under 3.2.1.	(10 marks)



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE

Third Examination for Medical Degrees (Part I) 23rd June 2020







	I Index number:	₁
Tuesday 23 rd June, 2020 Answer <u>all four</u> questions Illustrate your answers with labelled diagrams wherever necessary Use only the space provided for answering		
ly	25-year-old female from Galle developed pain and redness over the left leg after seven ymphadenopathy on the same side. A palpable vessel was detected over the medial aspaigh. Circulatory filarial antigen (CFA) test was positive.	
4.1.	Name the possible filarial worm which could cause this clinical presentation.	(10 marks)
4.2.	Describe the pathophysiology of the above clinical presentation.	(30 marks)
		·



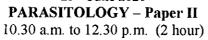




PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hour)

I Index number: Why was the CFA test positive in this patient? (20 marks)







I Index number:



4.4.	Describe how you would manage this patient.	(40 marks)
1		



UNIVERSITY OF RUHUNA

FACULTY OF MEDICINE
Third Examination for Medical Degrees (Part I)
23rd June 2020
PARASITOLOGY – Paper II
10.30 a.m. to 12.30 p.m. (2 hour)





I Index number:



 ' <u>-</u>
·