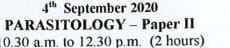
Third Examination for Medical Degrees (Part I)







(10 marks)

Examination % 10.

1.1.

Index number

Name the most probable parasite which can cause the above presentation.

M	D	2	0			
	1		1	1		

Answer all four questions
Illustrate your answers with labelled diagrams wherever necessary
Use only the space provided for answering

1. A previously healthy 34-year-old local worker at Pelwatta Sugar Industries, Buttala presented to a hospital with high fever with chills and rigours in every third-day. The blood picture showed multiple ring stages. The factory was visited by an Indian engineer three weeks ago for a brief inspection. The Indian was treated only with one drug for a mild febrile illness with headache in an Indian hospital prior to his visit to Sri Lanka. The Indian also has shown multiple ring stages in his blood picture.

1.2.	Briefly explain how the local worker has contracted the parasite mentioned in 1.1.	(20 marks)
	• manker flooring and a growing of	
2		



Third Examination for Medical Degrees (Part I) 4th September 2020 PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hours)



Index number





	Describe briefly three (03) methods available to confirm infection in the lo	(30 marks)
	-	
.4.	Outline the plan of management for the local patient.	(30 marks)
.4.	Outline the plan of management for the local patient.	(30 marks)
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Third Examination for Medical Degrees (Part I) 4th September 2020 PARASITOLOGY - Paper II 10.30 a.m. to 12.30 p.m. (2 hours)





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State two important steps	taken by the	Anti-Maiaria	Camp	aign i	to pre	event	the s	pread	doft	he di	ease	01
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the local patient is diagno	taken by the absect to be info	ected with the	e paras	aign ite m	to pre	event ned t	the sp under	preac 1.1.	d of th	he di:	sease 10 ma	on arl
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Third Examination for Medical Degrees (Part I)

4th September 2020

PARASITOLOGY – Paper II

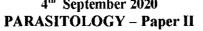




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		7.1	ndex Numb	ber	М	D	2	0				
Answer all four que Illustrate your answ Use only the space p	vers with labell provided for an	swering										
2. As a Medical Cof the following s												your
2.1. Grama Nilad administrative div	ision nad dei	igue naemo	orrnagic feve	er cases	withi	out on the	of 20 last	0 ho weel	useho K.	olds o	of his	
2.1.1. List three (03) indices in	nportant fo	r programme	e evalua	tion							(06 m
2.1.2. Describe ho			77.00									(14 ma
									*			



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE Third Examination for Medical Degrees (Part I) 4th September 2020







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

Index Number

2.1.3. Describe your control programme and post-evaluation	(30marks)
2.2.Sixteen (16) out of 800 residents in Balapitiya have been detected microfilaraemia following a probe survey.	l as having Wuchereria bancrofti
2.2.1. List four (04) indices important for programme evaluation.	(10 marks)



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE Third Examination for Medical Degrees (Part I) 4th September 2020 PARASITOLOGY – Paper II



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





		Index	Number	MD	2	·		
2.2	2.2. Describe how you would pro	duce indices	s mentioned	in 2.2.1 .			(20	marks)
[Describe now you would pro	duce marce.	y memorie	=			 	
İ								
L.							 	
•	2.2 Degeribe your control progr	amme and n	ost-evaluati	on			(20 mark <u>s</u>)
2.	2.3. Describe your control progr	amme and p	ost-evaluati	on			 (20 marks)
2.	2.3. Describe your control progr	amme and p	ost-evaluati	on			(20 marks)
2.	2.3. Describe your control progr	amme and p	ost-evaluati	on			 (20 marks)
2.	2.3. Describe your control progr	amme and p	oost-evaluati	on			(20 marks)
2.	2.3. Describe your control progr	amme and p	ost-evaluati	on			(20 marks)
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2.	2.3. Describe your control progr	amme and p	ost-evaluati	on	-		(20 marks)
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2.	2.3. Describe your control progr	amme and p	ost-evaluati	on			(20 marks)
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2.	2.3. Describe your control progr	amme and p	ost-evaluati	on				20 marks)



UNIVERSITY OF RUHUNA Third Examination for Medical Degrees (Part I) 4th September 2020 PARASITOLOGY – Paper II 10.30 a.m. to 12.30 p.m. (2 hours)

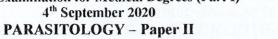




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UNIVERSITY OF RUHUNA

FACULTY OF MEDICINE Third Examination for Medical Degrees (Part I)







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

Index Number

M	D	2	0					
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Answer all four questions	
Answer <u>all four</u> questions. Illustrate your answers with labelled diagrams wherever neco	essary
Use only the space provided for answering	

3.1. A range of parasites causes eye infections.

3.1.1.	List	the	parasites	s which	can	cause ey	e infections.
10		101		•	1		

(18 marks)

(12 marks)

Stage	Organism Organism
Microfilariae	
Adult worms	
Filariform larvae	
Cysticercus larvae	
Bradyzoites	
Maggots	

3.1.2. Describe how microfilariae of the organism mentioned in 3.1.1 cause blindness.

- 2			



Third Examination for Medical Degrees (Part I) 4th September 2020



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





Index	Number	IM	ען	4	١ ٧	ĺ				
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3.1.3. State commonly used drug treatment for each disease caused by organisms mentioned in 3.1.1.

(20 marks)

Stage	Drug treatment
Microfilariae	
Adult worms	
Filariform larvae	
Cysticercus larvae	
Bradyzoites	
Maggots	



Third Examination for Medical Degrees (Part I) 4th September 2020 PARASITOLOGY – Paper II



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

Index Number





Stage	disease which can be diagnosed be Disease		
Microfilariae			
Cysts			
Filariform larvae			
Eggs			
Amastigotes			
Oocysts			
3.2.2. State diagnos	tic tests under each category of test	ts for diseases mentioned in 3.2.1.	(20 marks)
Stage	Routine test	Higher sensitive test	
Microfilariae			
Cysts			
Cysts Filariform larvae			
Filariform larvae			



UNIVERSITY OF RUHUNA FACULTY OF MEDICINE Third Examination for Medical Degrees (Part I)

Examination for Medical Degrees (Part 1 4th September 2020

Index Number





PARASITOLOGY - Paper II 10.30 a.m. to 12.30 p.m. (2 hours)

. Describe the advantages of the higher sensitive	vity test for microfilariae mentioned 3.2.2.	(12 marks
•		



Third Examination for Medical Degrees (Part I)

4th September 2020

PARASITOLOGY – Paper II

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







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		for the di	agnosis me	ntioned	l in 4.	1.1.							
steps of the t	reatment t	for the di	agnosis me	ntioned	l in 4.	1.1.					(15	5 mai	·ks)
									Hilly.				
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	nd over three	nd over three months d		nd over three months duration. Fine needle	nd over three months duration. Fine needle aspirat	nd over three months duration. Fine needle aspiration a	nd over three months duration. Fine needle aspiration and cy	nd over three months duration. Fine needle aspiration and cytolog	nd over three months duration. Fine needle aspiration and cytology has	nd over three months duration. Fine needle aspiration and cytology has reve	nd over three months duration. Fine needle aspiration and cytology has revealed	nd over three months duration. Fine needle aspiration and cytology has revealed intra	rear-old boy from Tangalle complained of an acne-like lesion over the dorsal surface of the nd over three months duration. Fine needle aspiration and cytology has revealed intracelluce stages in monocytes.

(05 marks)



Third Examination for Medical Degrees (Part I) 4th September 2020 PARASITOLOGY – Paper II

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





		Index	Number	M	D	2	0						
4.2.2.	Draw a labelled dia	gram of the diagnos	stic stage of t	he dise	ease i	menti	oned	in 4	2.1	4	(05	5 ma	rks)
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													Ì
4.2. 3 .	How would you trea	at this natient and n	revent reneat	infecti	one2				· ·		/15		J
7		or and patient take pr	точен тереат	micon	ions:						(15	mar	KS)
													may de base
				<u> </u>									
4.3.	A 3-year-old child fi	om Matara came to	a paediatric	s outpa	atient	depa	ırtme	nt w	ith a	histo	гу of	`pass	age
	of motile white work produced to the paed	n segments. A rece liatrician.	ently collecte	d creai	ny w	hite t	flesh	/ WO	rm se	egme	nts w	ere	
4.3.1.	State the diagnosis.										(05	mar	ke)
								·	-		700	421611	



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





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oned in 4.3	1.						(15ma	urks)
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nantionad ir	12	1					(0	15 m	wke)
nendoned ii	14,3.	1.						73 HI	ii Kaj
									
er to a scru	b-jun	gle (hild	has i	ident	ified	it as	a Py	thon.
olindness af	ter se	veral	hou	s of	the s	nake	bite.		
ite mention	ed in	4.4?					(()5 m	arks)
	mentioned in the night wh ser to a scrub	he night while he ser to a scrub-jun blindness after se	nentioned in 4.3.1. he night while he was ser to a scrub-jungle. (nentioned in 4.3.1. he night while he was comser to a scrub-jungle. Child blindness after several hour	he night while he was coming beser to a scrub-jungle. Child has belindness after several hours of	he night while he was coming back aser to a scrub-jungle. Child has ident blindness after several hours of the s	he night while he was coming back after ser to a scrub-jungle. Child has identified blindness after several hours of the snake	he night while he was coming back after using ser to a scrub-jungle. Child has identified it as blindness after several hours of the snake bite.	he night while he was coming back after using the ser to a scrub-jungle. Child has identified it as a Pytholindness after several hours of the snake bite.



Third Examination for Medical Degrees (Part I)

4th September 2020

PARASITOLOGY – Paper II

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







	Index	Number	M	D	2	0						
			<u> </u>		,d	'						
4.4.2. List the steps in the hospital	manageme	nt of the sna	ike bite	caus	ed by	y the	snak	e me	ention	ed ir (20	1 4.1.) ma	.1. rks)
												4
,												