



University of Ruhuna - Faculty of Medicine

Allied Health Sciences Degree Programme

B.Sc. Nursing Degree Programme

2nd End Semester Examination

NMP 1224- Microbiology and Parasitology

SEQ paper- Part A

February 2017

Duration: Half (½) hour

Index Number.....

1.

1.1 Name five (5) natural nematode parasites of man.

(15 marks)

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1.2 Name five (5) natural protozoan parasites of man.

(15 marks)

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1.3 Name two (2) natural cestode parasites of man. (10 marks)

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1.4 Name three (3) dog parasites which can accidentally infect man. (15 marks)

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1.5 Name two (2) parasitic infections that can transmit to human via eating raw meat. (10 marks)

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1.6 Name one (1) monkey parasite which can accidentally infect man (5 marks)

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1.7 Discuss the parasitological basis of the following statement. (30 marks)

“Monkey tape worm infection is commoner among Sri Lankan children than human tape worm infections”

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2. A 10 year-old child was admitted to the Paediatric ward due to watery diarrhoea.

2.1 Name **three (03)** microorganisms causing watery diarrhoea in this child. (15 marks)

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2.2 List the important advises that need to be given to the mother when collecting a stool sample for culture from this child. (30 marks)

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2.3 List the important infection control measures to be taken to prevent spreading of this infection in the ward. (25 marks)

2.4 Briefly describe the importance of detecting blood and mucous diarrhoea in a child. (30 marks)



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SEQ paper- Part B

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Duration: Half (1/2) hour

Index Number.....

1.

1.1

1.1.1 Mention two (2) filarial worms that are found in Sri Lanka. (04 marks)

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1.1.2 List five (5) endemic districts of filariasis in Sri Lanka. (05 marks)

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1.1.3 List four clinical manifestations of chronic bancroftian filariasis. (16 marks)

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1.1.4 Briefly explain limb care instructions that should be given to a patient with grade III lymphoedema.

(25 marks)

1.2

A 8 year-old child presented with vague abdominal pain, nausea and vomiting. After fecal examination, Medical Officer diagnosed that the child is having *Ascaris lumbricoides* infection.

1.2.1 What are the modes of transmission of the above disease?

(10 marks)

1.2.2 List the advices that you would give as a Nursing Officer to the mother of this child on prevention of transmission of the infection.

(25 marks)

1.2.3 Name two (2) complications of the above infection.

(10 marks)

1.2.4 Name one (1) other nematode infection that would give rise to above symptoms. (5 marks)



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NMP 1224- Microbiology and Parasitology

SEQ paper- Part C

February 2017

Duration: One (1) hour

Index Number

1. A 5 year old child is admitted to the hospital due to bacterial meningitis.

1.1 Give **two (02)** typical clinical features of bacterial meningitis. (10 marks)

1.2 Name **two (02)** bacteria causing meningitis in this child. (10 marks)

1.3 Briefly describe the microbiological investigations that help to manage this patient. (30 marks)

