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University of Ruhuna - Faculty of Allied Health Sciences

Department of Nursing

2nd End Semester Examination

NMP 1224 - Microbiology and Parasitology in Nursing

SEQ Paper - Part A

January 2019

Duration: Thirty (30) minutes



Index Number

Answer all the questions. Write answers in the given spaces.

A 45-year-old farmer was admitted to the hospital with a suspected pneumonia.

1. List two (02) typical clinical features of pneumonia. (10 marks)

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2. List two (02) possible bacteria causing pneumonia in this patient. (10 marks)

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3. List two (2) microbiological investigations that should be performed on this patient to identify the causative agent. (10 marks)

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4. Briefly describe the collection and transport of the microbiological investigations listed under question 3. (50 marks)

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5. Name **one** (1) antibiotic that is effective in the treatment of this condition. (10 marks)

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6. Name **two** (2) possible bacterial pathogens that can cause pneumonia in a ventilated patient in an intensive care unit. (10 marks)

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SEQ Paper - Part B

January 2019



Duration: Thirty (30) minutes

Index Number

Answer all the questions. Write answers in the given spaces.

1. Briefly explain the factors that influence the development of hospital acquired infections. (30 marks)

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2. Name one (01) example for a hospital acquired infection (HAI). (10 marks)

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SEQ Paper - Part C

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Duration: Thirty (30) minutes

Index Number

Answer all the questions. Write answers in the given spaces.

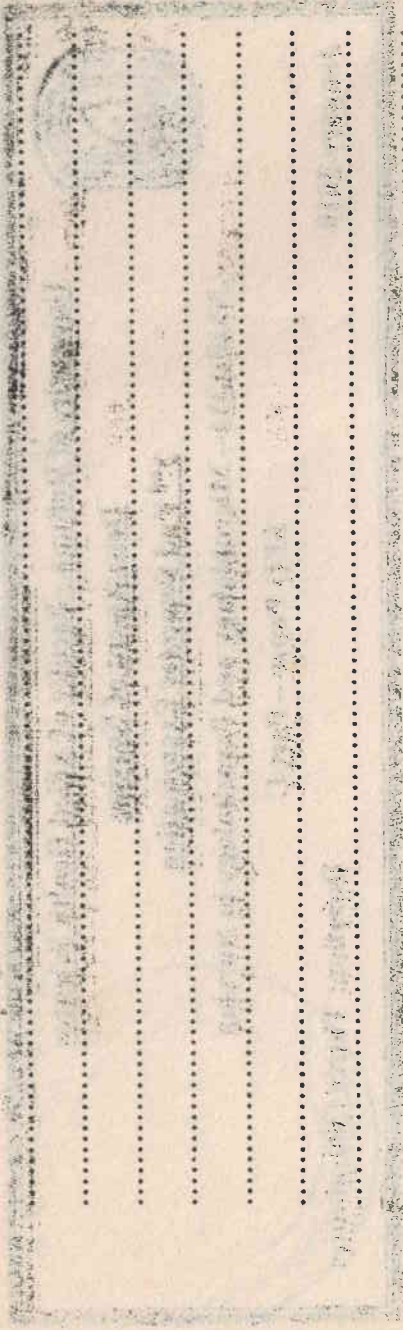
In ward nursing officer might transmit some parasitic diseases from patient to patient by inadequate hand washing.

1. Name three (03) such parasitic diseases. (15 Marks)

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2. Explain briefly, the clinical presentation of one of the parasitic diseases mentioned in question 1. (15 Marks)

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3. Discuss briefly, the parasitological basis of following procedures.
a. Collection of a sample of blood just after a fever spike in case of falciparum malaria. (35 Marks)

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For Malignant a quarter hourly temperature chart (Q.T.C.) in severe Malaria

malaria. (35 Marks)



A series of horizontal dotted lines for writing the answer to the question about the Malignant a quarter hourly temperature chart (Q.T.C.) in severe Malaria.

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SEQ Paper – Part D

January 2019 Duration: Thirty (30) minutes



Index Number

Answer all the questions. Write answers in the given spaces.

1. Name five (05) stages in parasites useful in the diagnosis of parasitic diseases. (15 marks)

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2. Name three (03) commonly used human specimens for the diagnosis of parasitic diseases. (15 marks)

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3. Name two (02) parasitic infestations as examples for each sample mentioned in question 2. (10 marks)

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4. Name three (03) parasites in dogs which can accidentally infect man. (15 marks)

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5. Name two (02) parasitic infections that could be transmitted to human via eating raw meat. (10 marks)

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6. Name one (01) monkey parasite which can accidentally infect man. (5 marks)

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7. Write a short note on the parasite mentioned in question 6. (30 marks)

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