

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA  
BAMS LEVEL III – SECOND SEMESTER EXAMINATION – JUNE 2018  
VIKRITI VIGNANA (Pathology) - II  
COURSE CODE – AS 3203

Time: 2 ½ hours  
 9.45 a.m. – 12.15 p.m.

Index No

Answer all questions.

**Part I - Structured Questions**

1. Define the following terms with regard to their values among adult people

1.1 a) Systemic hypertension (01 Mark)

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 .....

b) Pre-hypertension (01 Mark)

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 .....

1.2 List one complication that occurs in each of the four (04) different organs /systems due to uncontrolled hypertension (04 Marks)

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 .....

1.3 List two (02) causes of secondary systemic hypertension (01 Mark)

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 .....

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2.

2.1 Briefly describe the pathophysiological abnormalities seen in the bronchioles of an asthmatic patient. (03 Marks)

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.....

2.2 List the following

a) Four (04) clinical features of acute severe asthma (02 Marks)

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.....

b) Four (04) risk factors of chronic obstructive airway diseases. (02 Marks)

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3.

3.1 What are the two (02) main types of completed strokes according to pathology in the brain? (02 Marks)

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3.2 Define term "Transient Ischemic Attack" (02 Marks)

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3.3 List four (04) risk factors of stroke (02 Marks)

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4.

4.1 list the following

a) Two (02) causes of urethral discharge in men (02 Marks)

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b) Two (02) causes of vaginal discharge (02 Marks)

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4.2 List three (03) modes of transmission of HIV virus other than sexual transmission (03 Marks)

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5.

5.1 State the infective form of the following parasites.

a) *Entamoeba histolytica* - ..... (01 Mark)

b) *Necator americanus* - ..... (01 Mark)

c) *Entrobilus vermicularis* - ..... (01 Mark)

5.2. Using a flow diagram, give the developmental stages (lifecycle) of *Entamoeba hystolytica* (02 Marks)

5.3. List Four (04) organs other than the intestines that can be invaded by *Entamoeba histolytica*. (02Marks)

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06.

6.1) using a flow diagram indicate the developmental stages of hookworm. (02 Marks)

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6.2) List two symptoms caused by each of the following parasite infection (03 Marks)

a) *Giardia lamblia*

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b) Hookworm

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c) Whipworm

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6.3 List four measures that can be used to control intestinal parasitic infections (01 Mark)

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**Part II – Essay Questions**

- 1. a) Describe different bacterial virulence factors giving examples. (12 Marks)
- b) Briefly describe the risk factors and processes of formation of atheroma. (08 Marks)
  
- 2. Describe the characteristic history, affected age group, signs and symptoms and complications of rheumatic fever. (20 Marks)

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25.06.2018