

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA
BUMS LEVEL IV – SECOND SEMESTER EXAMINATION – AUGUST 2017
PRINCIPLES OF CLINICAL MEDICINE - II
COURSE CODE – AS 4204

Time: 2 1/2 hour
 21 .08.2017
 1.45 p.m. – 4.15 p.m

Index No

Answer all questions.

Part I - Structured Questions

01. A. (a) What is sero negative arthritis? (0.5 Mark)

(b) Give three examples for sero negative arthritis? (1.5 Marks)

B. (a) What is osteoarthritis? (0.5 Mark)

(b) Give four radiological features which would help to confirm osteoarthritis ? (02 Marks)

C. (a) What is osteoporosis ? (01 Mark)

(b) Give five risk factors for osteoporosis ? (2.5 Marks)

(c) How do you confirm osteoporosis ? (01 Mark)

D. What is Renal osteodystrophy ? (01 Mark)

02. A. (a) What is cor pulmonale ? (01 Mark)

(b) Give three causes for above condition ? (1.5 Marks)

B. (a) What is cyanotic congenital heart disease ? (01 Mark)

(b) Give three examples for the above condition ? (1.5 Marks)

C. (a) What is "blue bloater" ? (0.5 Mark)

(b) How its differ from "pink puffer" ? (01 Mark)

D. (a) What is paraneoplastic syndrome (01 Mark)

(b) Give five paraneoplastic features of bronchial carcinoma? (2.5 Mark)

Part II- Essay

01. A. Explain the clinical significant of Urine Full Report (10 Marks)
- B. A 39 year old university lecturer presented to the NHSL OPD with the complain of sudden onset of right sided lower abdominal pain since morning. He has no history of fever, dysuria , haematuria , constipation / diarrhoea but vomited once in the morning. He is a diagnosed case of diabetes mellitus for last one year but not on regular follow up.
- a. Give three most possible differential diagnosis for this patient ? (2.5 Marks)
 - b. Name five important cost effective investigations which you would suggest for this patient? (2.5 Marks)
 - c. How do you outline your management for this patients current problem? (2.5 Marks)
 - d. What are the health advices which you would give on his discharge? (2.5 Marks)
02. A. Explain the clinical significant of X ray in a patient with back pain (06 Marks)
- B. A 60-year-old man presented with a history of lower back pain that had persisted for 2 years and difficulty in walking for 2 months. There were no neurological problems noted in the lower limbs. He is a known hypertensive patient for last 15 years and on regular Clinic follow up at local hospital.
- a. Give three most possible differential diagnosis for this patient? (03 Marks)
 - b. Name five important cost effective investigations which you would suggest for this patient? (03 Marks)
 - c. How do you outline your management for this patient's current problem? (06 Marks)
 - d. What are the health advices which you would give on his discharge? (02 Marks)

03. A. Explain the clinical significant (advantages & disadvantages)of CT and MRI in clinical practice (06 Marks)

B. A 72 year old man, presented to our outpatient department with complaints of Cough and expectoration for the past 7-8 months. The expectoration was around 100 ml/day, mucoid and non-foul smelling. There was no history of associated hemoptysis. Patient did not complain of chest pain, breathlessness, fever , weight loss or anorexia. Patient was suffering from non-insulin dependent diabetes mellitus and hypertension which were under control with oral medication. Patient was a smoker with a 20 cigarettes per day.

- a. What could be your most possible diagnosis? (04 Marks)
- b. Give two more differential diagnosis for the above history? (02 Marks)
- c. Name five important cost effective investigations which you would suggest for this patient? (03 Marks)
- d. How do you outline your management for the above possible diagnosis? (03 Marks)
- e. What are the health advices which you would give for him? (02 Marks)
