

FOURTH B.H.M.S FINAL EXAMINATION

APRIL 2016

PRACTICE OF MEDICINE

& HOMOEOPATHIC THERAPEUTICS PAPER –I

*Code-No: 9748*

TIME: 3.00 Hours

Total Marks: 100

SECTION-1

**Q-1** (15)

- a) Define dyspnea.
- b) Describe the clinical features of right sided lobar pneumonia.
- c) Discuss the d/d of dyspnea of respiratory and cardiac origin. (1+7+7)

OR

**Q-1** (15)

- a) Enumerate the causes of cough with expectoration. Write a short note on bronchiectasis. (1+4)
- b) What are breath sounds? Describe the clinical features of lung abscess. (2+3)
- c) What is "barrel-shaped" chest? Describe the clinical features of emphysema. (2+3)

**Q-2 Answer any 3 questions:** (15)

- a) Define hyperthermia. Discuss the pathogenesis of malignant hyperthermia. (1+4)
- b) Describe the pathogenesis of diphtheria. Describe the clinical features. (3+2)
- c) Write a short note on MMR vaccine (5)
- d) Discuss the difference between bacillary dysentery and amoebic dysentery. (5)
- e) Write a short note on herpes zoster. (5)

**Q-3 Write 4 out of 6** (20)

- a) What is the Barr body? Describe the clinical features of any ONE sex-linked disease. (2+3)
- b) Describe the aetio-pathogenesis of gouty arthritis and describe the clinical features. (3+2)
- c) Discuss the difference between innate immunity and acquired immunity. (5)
- d) Define autosome. Write a short note on autosomal dominant disease. (1+4)
- e) Write a short note on the pathogenesis and clinical features of myasthenia gravis. (3+2)
- f) Write a short note on role of mutation in neoplasia. (5)

**SECTION-II****Q-1 Write short notes on: (15)**

- a) Define Diarrhoea.
- b) Enumerate the causes of diarrhea.
- c) Describe the clinical features of Crohn's disease.
- d) Discuss the difference between Crohn's disease and ulcerative colitis. (1+2+6+6)

**OR****Q-1 Write short notes on: (15)**

- a) Define ascites. How will you clinically diagnose the presence of ascites in your patient. (1+4)
- b) Discuss the aetio-pathogenesis of chronic pancreatitis. (5)
- c) Define GERD. What are the complications of peptic ulcer? Describe the clinical features of perforation. (1+1+3)

**Q-2 Enumerate the secretions of the thyroid gland. Define thyrotoxicosis. (15)**

Discuss the pathogenesis of Grave's disease. Describe the clinical features.

**OR****Q-2 Write short notes on: (15)**

- a) Name the secretions of the adrenal cortex. Describe the clinical features and investigations of Addison's disease. (1+4)
- b) Define Type1 Diabetes mellitus. Write a short note on diabetic keto-acidosis. (1+4)
- c) What is the role of parathormone in calcium metabolism? Describe the clinical features of hypoparathyroidism. (3+2)

**Q-3 Write a Short note on any four. (20)**

- a) Define porphyrias. Describe the clinical features of acute intermittent porphyria (1+4)
- b) Define malnutrition. Describe the clinical features of Kwashiorkor. (1+4)
- c) Discuss the aetio-pathogenesis of osteoporosis. (5)
- d) Scurvy . (5)
- e) Classify obesity. How will you manage a patient with "morbid" obesity? (5)
- f) Vitamin A. (5)