

FEBRUARY 2009

[KU 737]

Sub. Code: 4228

FIRST B.PHARM. DEGREE EXAMINATION

(Regulations 2004)

(Candidates admitted from 2004-05 onwards)

Paper III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Q.P. Code : 564228

Time : Three hours

Maximum : 90 marks

I. Essay Questions :

(2 X 20 = 40)

Answer any TWO questions.

1. a) Describe the mechanism of coagulation of blood. How do extrinsic and intrinsic pathways differ? What are the factors involved in it? (15)
b) What is pulmonary circulation? What is its function. (5)
2. a) Draw a labeled diagram of respiratory organs. Describe the mechanism of respiration. (15)
b) Describe the stages of deglutition. (5)
3. a) Draw a labeled diagram to show the histology of the thyroid gland. Write the steps involved in synthesis of thyroxine. (15)
b) Describe briefly the mechanism of micturition. (5)

II. Write Short Notes :

(8X 5 = 40)

Answer any EIGHT questions.

1. Classify joints with examples.
2. Name the primary tissues. Give the salient features of any one of them.
3. Write the steps involved in ovulation process.
4. Explain the formation, circulation and functions of cerebro spinal fluid.
5. Explain in brief structure and functions of skin.
6. Discuss the heart sound and its importance.
7. Discuss the process of digestion in stomach.
8. Emergency treatment of poisoning.
9. Name the fat soluble vitamins and their deficiency diseases.
10. Write a note on prevention and spread of malaria.

III. Short Answers:

(5X2 = 10)

Answer any FIVE questions.

1. Pelvic girdle.
2. Composition of blood.
3. Mountain sickness.
4. Acromegaly.
5. Kwashiorkor's syndrome.
6. Neuromuscular junction
7. Droplet infection

FEBRUARY 2011

[KY 737]

Sub. Code : 4228

FIRST B.PHARM. DEGREE EXAMINATION.

(Regulations 2004)

(Candidates admitted from 2004-05 onwards)

Paper III — ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Q.P. Code : 564228

Time : Three hours

Maximum : 90 marks

I. Essay Questions :

Answer any TWO questions. (2 x 20 = 40)

1. Draw a neat structure of lungs, explain the parts and mechanism of respiration and add note on diffusion of gases.
2. (a) Explain the parts, secretion and function of the stomach with a neat diagram.
(b) Explain the chemical digestion of food taking in small intestine.
3. (a) Define anaemia. Classify anaemia and explain each type of anaemia.
(b) Define blood pressure. Explain the procedure to measure blood pressure and the factors controlling it.

II. Write short notes :

Answer any EIGHT questions. (8 x 5 = 40)

1. Connective tissues.
2. AIDS.
3. Cranial nerves.
4. Spermatogenesis.
5. ECG.
6. Disorders of parathyroid gland.
7. Disorder of WBC.
8. Urinary bladder.
9. Shock.
10. Function of semicircular canals.

III. Short Answers :

Answer any FIVE questions. (5 x 2 = 10)

1. Grave's disease.
2. Glaucoma.
3. Define synapse.
4. Any two functions of lymph nodes.
5. Thalassaemia.
6. Angina pectoris.
7. Asthma.
