

FACULTY OF PHARMACY

B. Pharmacy I Year (Supple.) Examination, Oct./Nov. 2012

ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Time: 3 Hours]

[Max. Marks: 70

Note : Answer all questions. All questions carry equal marks.

1. a) i) Discuss the properties and functions of muscle tissue. (7+7)

ii) Write about active transport.

OR

b) i) What are the functions of skeletal system ? (4+10)

ii) Describe the following bones with diagram :

i) Atlas

ii) Radius

iii) Humerus

iv) Ulna.

2. a) i) Define synapse. Explain about neurotransmission at synapse. (4+10)

ii) What are the functions of sympathetic nervous systems ?

OR

b) i) Classify and write the functions of WBC. (7+7)

ii) What are the factors affecting blood pressure ?

3. a) i) Discuss the anatomy of small intestine. (8+6)

ii) Explain the following terms :

1) Hypoxia

2) Vital capacity

3) Dyspnoea.

OR

1111111111111111

Code No.42651

b) i) What are the functions of glucocorticoids ? (6+8)

ii) Discuss about following :

i) Graves disease

ii) Diabetes mellitus.

4. a) Discuss the anatomy of ear with diagram. 14

OR

b) i) Discuss about physiology of urine formation. (10+4)

ii) Describe the anatomy of taste bud.

5. a) i) Write about intrauterine contraceptive devices. (7+7)

ii) What are various deficiency disorders of

a) Vit. D

b) Vit. A.

OR

b) a) Write about edema and shock. (10+4)

b) Write about embolism.