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Code : 091305

B.Pharm 3rd Semester Examination, 2016
Anatomy Physiology and Health Education

Time : 3 hours

Full Marks : 70

Instructions :

- (i) The marks are indicated in the right-hand margin.*
- (ii) There are Nine questions in this paper.*
- (iii) Attempt Five questions in all.*
- (iv) Question no. 1 is compulsory.*

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1. (A) Enlist various functions of stomach, $2 \times 7 = 14$
(B) Define pathogenicity ✓
(C) Where is acetylcholine stored? ✓
(D) Classify muscarinic and nicotinic receptors
(E) What is tidal volume and its importance? ✓
(F) Define balance diet ✓
(G) Explain counter-current mechanism. ✓
(H) What is epidemiological triad?
(I) Name the causative factors of whooping cough and tuberculosis. ✓
(J) Define Pasteurization

P.T.O.

2. (A) Draw well labelled diagram of brain. (7+7=14)
(B) Draw a neatly labelled diagram of nephron.
3. (A) What preventive measures you would take in case of Iron deficiency anaemia? (7+7=14)
(B) Lung volumes and capacities.
4. (A) What is the immunization schedule for vaccination of children up to 18 months? (7+7=14)
(B) Briefly write about blood pressure.
5. (A) What is the role of Renin Angiotensin system in the management of Hypertension? (7+7=14)
(B) Discuss in brief the common disorders associated with thyroid dysfunction.
6. (A) Describe Blood coagulation by intrinsic pathway. (7+7=14)
(B) Describe different family planning methods.
7. (A) Discuss in detail the physiology of vision. (7+7=14)
(B) Enumerate the communicable diseases and discuss the prevention of TB and Malaria.
8. (A) Write a note on poliomyelitis. (7+7=14)
(B) What is MTP ? Under what conditions it can be done.

• 9. (A) Describe the events in thyroid follicle that results in synthesis and secretion of thyroid hormones.

(7+7=14)

(B) Name the water soluble and fat-soluble vitamins with their physiological role. Name their deficiency disorders.
