No.

GUJARAT TECHNOLOGICAL UNIVERSITY B.Pharm - SEMESTER- II - EXAMINATION - SUMMER-2017

Subject Code:220007 Date: 09/06/2017 Subject Name: HUMAN ANATOMY PHYSIOLOGY AND HEALTH **EDUCATION-II** Time: 10:30 AM to 01:30 PM **Total Marks: 80 Instructions:** 1. Attempt any five questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. Describe the first aid treatment of burns. 0.1 06 (a) **(b)** Write a note on functions of skin. 05 Discuss the mechanics and mechanism of respiration. 05 (c) Draw a labeled diagram of eye. Write about physiology of vision. **Q.2** 06 (a) Draw a labeled diagram of spinal cord. Write its function in detail. 05 **(b)** Write in brief on causative agent, mode of spread, prevention and treatment of (c) 05 influenza. **Q.3** (a) Draw a neat and labeled diagram of Nephron. Explain in brief about physiology 06 of urine formation. Describe formation, storage and release of thyroid hormones. **(b)** 05 Explain the stages of Menstrual Cycle. (c) 05 **Q.4** (a) Explain the anatomy of female reproductive system. 06 Write a note on physiology of hearing. 05 **(b)** Write a note on first aid treatment of poisoning. (c) 05 **Q.5** Describe the various methods of family planning. 06 (a) Write a note on electroencephalogram (EEG). 05 **(b)** Differentiate parasympathetic and sympathetic system. (c) 05 Draw a neat and labeled diagram of brain and enumerate function of each part. 06 Q. 6 (a) Enumerate hormones of Pancreas. Describe the functions of Insulin. 05 **(b)** Write a note on physiology of ageing. (c) 05 Explain the terms: Bronchial Asthma, Vital capacity, Cataract, Renal calculi, **Q.7** (a) 06 Diabetes. 05 **(b)** Describe demography cycle. Write causative organism, mode of transmission, symptoms and preventive 05 measures of Cholera.
