

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

Subject Code: 220004**Date: 09/06/2017****Subject Name: Anatomy Physiology & 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.

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| Q.1 | (a) Draw neat & Clean labeled diagram of Ear & Explain Physiology of Hearing | 06 |
| | (b) Enumerate & function of each cranial nerves | 05 |
| | (c) Write short note on CSF | 05 |
| Q.2 | (a) Discuss the Physiology of Urine formation | 06 |
| | (b) Write down difference between cholinergic & adrenergic System | 05 |
| | (c) Explain Following Terms: | 05 |
| | a) Renal Calculi | |
| | b) Tidal Volume | |
| | c) Diabetes mellitus | |
| | d) Vital Capacity | |
| | e) Meningitis | |
| Q.3 | (a) Discuss Physiology of Menstrual Cycle | 06 |
| | (b) Draw neat & Clean diagram of Eye & explain glaucoma in brief | 05 |
| | (c) Write short note on Cerebral Cortex | 05 |
| Q.4 | (a) Write note on Physiology of Ageing Process | 06 |
| | (b) What is reflex Action? Explain reflex arch with suitable diagram | 05 |
| | (c) Draw neat & Clean diagram of Female Reproductive System | 05 |
| Q.5 | (a) Describe biosynthesis, storage & Transport of Thyroid Hormones | 06 |
| | (b) Write down function of Hypothalamus | 05 |
| | (c) Discuss the Spermatogenesis | 05 |
| Q.6 | (a) Write down detail mechanism of Respiration | 06 |
| | (b) Write down function of Skin | 05 |
| | (c) Discuss Physiology of Vision | 05 |
| Q.7 | (a) Write down synthesis ,release of Acetylcholine | 06 |
| | (b) Draw neat & clean Diagram of Nephron | 05 |
| | (c) Explain Following Terms: | 05 |
| | a) Dysmenorrhoea | |
| | b) Myopia | |
| | c) Cystitis | |
| | d) Cushing Syndrome | |
| | e) Goiter | |
