

**FIRST YEAR B.PHARM. EXAM****Paper III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION*****Q.P. Code : 564253*****Time: Three Hours****Maximum: 100 marks****(180 Min) Answer ALL questions in the same order****I. Elaborate on:****Pages Time Marks  
(Max.)(Max.)(Max.)**

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|--|----|----|----|
| 1. With a neat diagram explain the Anatomy of Brain.<br>Add a note on its functions. | 19 | 33 | 20 |
| 2. Draw a neat diagram of eye. Discuss the physiology<br>of vision.                  | 19 | 33 | 20 |

**II. Write notes on:**

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|--|---|---|---|
| 1. Explain the cardiac cycle.  | 3 | 8 | 5 |
| 2. Discuss the physiology of cell membrane.                                      | 3 | 8 | 5 |
| 3. Write note on disease causing agents and<br>their prevention.                 | 3 | 8 | 5 |
| 4. Describe the different phases of menstrual cycle.                             | 3 | 8 | 5 |
| 5. Write notes on Oral contraceptives.   | 3 | 8 | 5 |
| 6. Discuss the mechanism of coagulation.   | 3 | 8 | 5 |
| 7. Explain the anatomy of the pituitary gland.                                   | 3 | 8 | 5 |
| 8. Discuss the causative agent, modes of transmission<br>and prevention of AIDS. | 3 | 8 | 5 |

**III. Short Answers:**

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|---|---|---|---|
| 1. Define Vital capacity.                       | 1 | 5 | 2 |
| 2. Composition of lymph.                        | 1 | 5 | 2 |
| 3. Functions of neuron.                         | 1 | 5 | 2 |
| 4. What is mountain sickness?                   | 1 | 5 | 2 |
| 5. Characteristic features of muscular tissues. | 1 | 5 | 2 |
| 6. Resuscitation methods.                       | 1 | 5 | 2 |
| 7. Functions of reticulo-endothelial system.    | 1 | 5 | 2 |
| 8. Deficiency of fat soluble vitamins.          | 1 | 5 | 2 |
| 9. What is ECG?                                 | 1 | 5 | 2 |
| 10. Types of joints.                            | 1 | 5 | 2 |

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