

B. Pharm. First Semester (Old)  
**35140 : Anatomy and Physiology - I : T-1-3**

P. Pages : 1

Time : Three Hours



**AU - 0655**

Max. Marks : 60

- Notes :
1. All question carry equal marks.
  2. Answer **any five** question.
  3. Illustrate your answer necessary with the help of neat sketches.
  4. Use of pen Blue/Black ink/refill only for writing the answer book.

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|----|---|----|
| 1. | Classify & discuss in detail muscular & nervous tissue.                             | 12 |
| 2. | Define cell. Write plasma membrane & cellular components along with their function. | 12 |
| 3. | a) Explain detail about blood vessels with structure & function.                    | 6  |
|    | b) Describe blood flow in heart with conducting system.                             | 6  |
| 4. | Discuss in detail anatomy & physiology of Human eye.                                | 12 |
| 5. | Write note on <b>any two</b> .  | 12 |
|    | a) Megaloblastic anaemia.   |    |
|    | b) Testis (or) Ovaries.   |    |
|    | c) Mechanism of clotting.   |    |
| 6. | a) Write in detail blood components & their function.                               | 6  |
|    | b) Structure & function of Lymph & Lymph node.                                      | 6  |
| 7. | Write in detail about endocrine pancreatic hormone & their physiological role.      | 12 |

**OR**

Discuss the various hormones secreted by anterior pituitary gland & functions.

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