

M.B.B.S. Fi Prof.]
BF/2014/6**Physiology —**

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.**PART - I**

1. **Describe:-**
 - a. Stretch reflex and inverse stretch reflex. [4]
 - b. Functions of cerebellum. [4]
2. **Write notes on:**
 - a. Condition reflex. [3]
 - b. EEG waves. [3]
 - c. Gating of pain. [3]
3. **Describe briefly:**
 - a. Accommodation mechanism in eye. [3]
 - b. Action Potential in Nerve. [3]
 - c. Negative feed back mechanism. [2]

PART —II

4. **Describe:**
 - a. Ovarian cycle & hormones regulating it. [4]
 - b. Functions of Testosterone. [4]
 5. **Write notes on:**
 - a. Cretenism. [3]
 - b. Fetoplacental Unit. [3]
 - c. Antidiuretic Hormone (ADH) [3]
 6. **Describe briefly:**
 - a. Excitation contraction coupling. [4]
 - b. Acromegaly. [2]
 - c. Blood testicular barrier. [2]
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