


**DZ-4004**
**First M. B. B. S. Examination**
**June / July - 2016**
**Physiology : Paper - II**

 Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 50

**Instructions :**

(1)

|                                                                                                                                                                                                                                                                                         |                                          |                                                                                                             |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Fill up strictly the details of  along on your answer book.<br>Name of the Examination :<br> <b>First M. B. B. S.</b> |                                          | Seat No. :<br><table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                         |                                          |                                                                                                             |  |  |  |  |  |  |
| Name of the Subject :<br> <b>Physiology : Paper - 2</b>                                                                                                                                                |                                          | Student's Signature<br><div style="border: 1px solid black; height: 40px; width: 100%;"></div>              |  |  |  |  |  |  |
| Subject Code No. : <b>4 0 0 4</b>                                                                                                                                                                                                                                                       | Section No. (1, 2, ...) : <b>1&amp;2</b> |                                                                                                             |  |  |  |  |  |  |

(2) Both the sections should be written in separate answersheets

**SECTION - I**

- 1 Write briefly : (any three) 3×2=6
  - (a) Property of synapse-'Subliminal fringe'.
  - (b) Draw a neat labelled diagram of photoreceptors.
  - (c) Differences between somatic and autonomic nervous system
  - (d) Functions of CSF.
  
- 2 Short essays : (any three) 3×5=15
  - (a) Precocious puberty
  - (b) Saltatory conduction
  - (c) Tests of hearing
  - (d) Physiological actions of Insulin

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[Contd...



SECTION - II

- 3 Give an account of connections and functions of cerebellum. 10
- 4 Write notes on : (any three)  $3 \times 3 = 9$
- (a) Mechanism of action of combined Oral Contraceptive Pills
  - (b) Brown-Sequard Syndrome
  - (c) Milk ejection reflex
  - (d) Dark adaptation.
- 5 MCQs  $1 \times 10 = 10$

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[400]