



Date of issue : Centre :
 Sup. Sign. : Seat No. :

M-4004-O
First Year M. B. B. S. Examination
July - 2015
Physiology : Paper - II

Time : 10 Minutes]

[Total Marks : 10

Instructions :

(1)

40 marks Read the instructions carefully and write your answers. Fill up strictly the details of signs on your answer book.		Seat No. :
Name of the Examination : First Year M. B. B. S.		Student's Signature
Name of the Subject : Physiology : Paper - II		
Subject Code No. : 4 0 0 4 - O Section No. (1, 2, ...) : Nil		

- (2) Mark the most appropriate choice with black ball pen for the following MCQs in separate OMR sheet provided.
- (3) Each correct entry credits one mark. No deduction of marks for incorrect entry.

5 MCQs :

- (1) Which of the following is slowly adapting cutaneous receptor ?
- (a) Pacinian corpuscle
 - (b) Meissner's corpuscle
 - (c) Hair follicle plexus
 - (d) Merkel's Disc

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[Contd....

- (2) Attenuation reflex is stimulated :
- (a) During walking
 - (b) During talking
 - (c) By loud sound
 - (d) All of the above
- (3) Which of the following sensations are not carried by Spinothalamic tract ?
- (a) Pain and temperature
 - (b) Touch and pressure
 - (c) Itch and tickle
 - (d) None of the above
- (4) Which of the following is proprioceptor ?
- (a) Nociceptors
 - (b) Osmoreceptors
 - (c) Merkel's Disc
 - (d) Golgi tendon organ
- (5) Which of the following is not a property of synapse ?
- (a) Inhibition
 - (b) Plasticity
 - (c) Adaptation
 - (d) Fatigue
- (6) Total Refractory power of eye during accommodation is :
- (a) 59 diopter
 - (b) 44 diopter
 - (c) 70 diopter
 - (d) 15 diopter

- (7) Autonomic nervous system is :
- Initiator and modifier
 - Initiator but not modifier
 - Modifier but not initiator
 - Neither initiator nor modifier
- (8) Blood brain barrier does not exist at :
- Area postrema
 - Organum vasculosum of lamina Terminalis
 - Subfornical organs
 - All of the above
- (9) Active product of rhodopsin breakdown is :
- Lumirhodopsin
 - Metarhodopsin II
 - Iodopsin
 - Scotopsin
- (10) Hormones secreted from endocrine pancreas :
- Insulin and Glucagon
 - Insulin, Glucagon and Somatomedin
 - Insulin, Glucagon and Somatostatin
 - Insulin, Glucagon, Somatostatin and pancreatic polypeptide