



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

M-4006-O

First Year M.B.B.S. Examination

July - 2015

Biochemistry : Paper - II

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instructions :

(1)

Fill up strictly the details of signs on your answer book. Name of the Examination : <input type="text" value="FIRST YEAR M.B.B.S."/>		Seat No. : <input type="text"/>
Name of the Subject : <input type="text" value="BIOCHEMISTRY : PAPER - 2"/>		Student's Signature <input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="6"/>	Section No. (1, 2, ...) : <input type="text" value="Nil"/>	

- (2) Choose single best answer.
 (3) Each question carries one mark.
 (4) No negative marking.
 (5) Answer shall be written on the OMR sheet.

5 Multiple Choice Question:

- (1) Creutzfeldt-Jakob disease is due to a mutation causing the misfolding of
- (a) β -Amyloid protein (b) prion protein
 (c) muscle protein (d) None of the above
- (2) The following proteins are associated with DNA structure -
- (a) Albumins (b) Globulins
 (c) Collagen (d) Histones

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[Contd....

- (3) Elevated levels of one of the following enzyme serves as a marker of chronic alcoholism
 - (a) 5' nucleotidase
 - (b) γ GGT
 - (c) ALT
 - (d) AST
- (4) Renal rickets is caused by
 - (a) Decreased formation of cholecalciferol
 - (b) Increased synthesis of 25 (OH) D_3
 - (c) Decreased synthesis of calcitriol
 - (d) None of the above
- (5) Which one of the following molecules is an end product of heme degradation ?
 - (a) Uroporphyrinogen
 - (b) Coproporphyrinogen
 - (c) Protoporphyrinogen
 - (d) Urobilinogen
- (6) Urea is synthesized in
 - (a) Brain
 - (b) Kidneys
 - (c) Muscle
 - (d) Liver
- (7) The following disease is popularly known as 'black urine disease'
 - (a) Phenylketonuria
 - (b) Alkaptonuria
 - (c) Albinism
 - (d) Tyrosinemia type
- (8) All the following inborn enzyme defects cause primary gout, except
 - (a) Glutathione peroxidase
 - (b) Glucose 6-phosphatase
 - (c) HGPRT
 - (d) PRPP glutamyl amidotransferase
- (9) The technique that is used to confirm the DNA cloning result
 - (a) Northern blotting
 - (b) Western blotting
 - (c) Southern blotting
 - (d) All the above
- (10) Glutathione is a
 - (a) Tripeptide
 - (b) Dipeptide
 - (c) Polypeptide
 - (d) Acidic amino acid