



Date of issue :

Centre :

Sup. Sign. :

Seat No. :

DZ-4005-O
First Year M. B. B. S. Examination

June / July - 2016

Biochemistry : Paper - I

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instruction :

Fill up strictly the details of signs on your answer book.
 Name of the Examination :

Name of the Subject :

Subject Code No. : Section No. (1, 2, ...) :

Seat No. :

Student's Signature

1×10=10

- (1) The end product of anaerobic glycolysis is
 - (A) Pyruvate
 - (B) Lactate
 - (C) Phosphoenol pyruvate
 - (D) Acetyl CoA
- (2) Rotenone inhibits transfer of electron from
 - (A) FMN to CoQ
 - (B) NAD⁺ to FMN
 - (C) Cyto bcl to cyto c
 - (D) Cyto a3 to O₂
- (3) Biotin takes part in one of the following types of reaction.
 - (A) Transamination
 - (B) Deamination
 - (C) Carboxylation
 - (D) Decarboxylation

DZ-4005-O]

1

[Contd....

- (4) Which of the following mucopolysaccharide does not contain uronic acid ?
 - (A) Hyaluronic acid
 - (B) Chondroitin sulphate
 - (C) Dermatan sulphate
 - (D) Keratin sulphate
- (5) Which of the following molecules is synthesized by Rapaport Lubering cycle ?
 - (A) 1-3 Biphosphoglycerate
 - (B) 2-3 Biphosphoglycerate
 - (C) Phosphoenal pyruvate
 - (D) Lactate
- (6) Accumulation of which of the following metabolite in lens of eye causes cataract
 - (A) Sorbitol
 - (B) Xylitol
 - (C) Mannitol
 - (D) Dulcitol
- (7) All of the following are derivatives of cholesterol EXCEPT
 - (A) Bile acids
 - (B) Bile pigments
 - (C) Steroid hormones
 - (D) Vitamin D
- (8) The ammonium ions excreted into the urine are derived from
 - (A) Asparagine
 - (B) Aspartate
 - (C) Glutamate
 - (D) Glutamine
- (9) Which one of the following apoprotein activates lipoprotein lipase enzyme ?
 - (A) apo A1
 - (B) apo B48
 - (C) apo CII
 - (D) apo E
- (10) Which of the following compounds transport activated fatty acid from cytosol to mitochondria ?
 - (A) Calathrin
 - (B) Creatin
 - (C) Carnitine
 - (D) Creatinine