



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

**DZ-4006-O**
**First Year M. B. B. S. Examination**

June / July - 2016

**Biochemistry : Paper - II**

Time : 10 Minutes]

[Total Marks : 10

**OBJECTIVE QUESTIONS**

Instruction :

-ಕೆಳ ಕಡೆಗೆ ನಿರ್ದಿಷ್ಟಿಸಿದ ವಿವರಗಳನ್ನು ನಿಮ್ಮ ಉತ್ತರ ಪುಸ್ತಕದಲ್ಲಿ ಸೂಕ್ತವಾಗಿ ಸೂಚಿಸಿ.  
 Fill up strictly the details of signs on your answer book.

Name of the Examination :  
 F.Y. M. B. B. S.

Name of the Subject :  
 BIOCHEMISTRY : PAPER - 2

Subject Code No. :  4  0  0  6 Section No. (1, 2, ...):  Nil

Seat No. :

Student's Signature

5 MCQs : 1×10=10

- (1) Which of the following amino acid is purely ketogenic ?
  - (A) Proline
  - (B) Leucine
  - (C) Glycine
  - (D) Valine
- (2) All of the following co-enzymes participate in hydrogen ion and electron transport EXCEPT
  - (A) FMN
  - (B) NAD<sup>+</sup>
  - (C) NADP
  - (D) PLP
- (3) In competitive inhibition of enzyme
  - (A) Km and Vmax both decrease
  - (B) Km decreases and Vmax unchanged
  - (C) Km increases and Vmax unchanged
  - (D) Km increases and Vmax decreases

DZ-4006-O]

1

[Contd....

- (4) Which of the following amino acid doesn't show optical isomerism ?
  - (A) Serine
  - (B) Glycine
  - (C) Glutamine
  - (D) Proline
- (5) Lesch-Nyhan Syndrome is caused by deficiency of which enzyme ?
  - (A) Xanthine oxidoreductase
  - (B) IMP dehydrogenase
  - (C) Adenine phosphoribosyltransferase
  - (D) Hypoxanthine guanine phosphoribosyltransferase
- (6) Gamma glutamyl cysteinyl glycine is otherwise known as
  - (A) Oxytocin
  - (B) Glutathione
  - (C) Angiotensin
  - (D) Bradykinin
- (7) The source of nitrogen atoms in urea are ammonia and
  - (A) Alanine
  - (B) Glutamate
  - (C) Aspartate
  - (D) Arginine
- (8) Chaperone proteins play important role in
  - (A) Protein folding
  - (B) Protein misfolding
  - (C) Protein synthesis
  - (D) Denaturation
- (9) Which of following hemoglobin has least affinity with 2-3 Biphosphoglycerate ?
  - (A) HbA
  - (B) HbF
  - (C) HbA<sub>1c</sub>
  - (D) HbA<sub>2</sub>
- (10) All of the following are phase I detoxification reactions EXCEPT
  - (A) Oxidation
  - (B) Reduction
  - (C) Conjugation
  - (D) Hydrolysis.