



Date of issue :

Centre :

Sup. Sign. :

Seat No. :

MN-4006-O**First Year M. B. B. S. Examination****December - 2013****Biochemistry : Paper - II**

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instruction :

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-2**

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

Seat No. :

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Student's Signature

1 MCQs :

10

- (i) Pyridoxal phosphate is required as a coenzyme in:
- (a) Transamination
 - (b) Transulphuration
 - (c) Deamination
 - (d) Transketolation
- (ii) Polymerase Chain Reaction technique is used to get
- (a) Several copies of DNA
 - (b) Several copies of m-RNA
 - (c) Several copies of t RNA
 - (d) To amplify peptides
- (iii) Thiamine is a
- (a) Nuclearbase
 - (b) Nucleoside
 - (c) Water soluble vitamin
 - (d) None of above

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[Contd...



- (iv) One of the following is NOT a urea cycle enzyme
- Carbamoyl phosphate synthase-1
 - Arginosuccinase
 - Carbamoyl phosphate synthase-2
 - Arginase
- (v) Edema is a feature of all of the following EXCEPT
- Kwashiorkor
 - Marasmus
 - Nephrotic syndrome
 - Albuminuria
- (vi) Non- competitive inhibitors
- Increase K_m
 - Increase V_{max}
 - Decrease K_m
 - Decrease V_{max}
- (vii) Vitamin K is required for γ gamma:
- Methylation of glutamate
 - Carboxylation of glutamate
 - Methylation of glycine
 - Carboxylation of glycine
- (viii) All of the following are positive acute phase reactant EXCEPT:
- C - reactive protein
 - Fibrinogen
 - Albumin
 - Alpha 1 antitrypsin
- (ix) Most prominent DNA damage by UV light is
- Double strand breakage
 - Base substitution
 - Purine dimer
 - Pyrimidine dimer
- (x) Highest amount of intra-chain base pairing is observed in
- t-RNA
 - r-RNA
 - m-RNA
 - si-RNA