



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

MU-4005-O
First Year M. B. B. S. Examination
December - 2015
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 : **FIRST YEAR M. B. B. S.**
 Name of the Subject : **BIOCHEMISTRY : PAPER - 1**
 Subject Code No. : **4** **0** **0** **5** Section No. (1, 2, ...): **Nil**

Seat No. :
 Student's Signature:

- 5 Multiple choice questions : 10
- Following function synergistic to vitamin E.
 (A) Sodium
 (B) Copper
 (C) Selenium
 (D) Iron
 - Fluoride ions (F^-) inhibit
 (A) Pyruvate kinase
 (B) Enolase
 (C) Phosphofructokinase
 (D) Glucose 6 phosphatase
 - Neonatal Respiratory distress syndrome is caused by
 (A) deficient vitamin K
 (B) high lung surfactant levels
 (C) low lung surface tension
 (D) deficiency of lung lecithin

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[Contd....

4. Bile salts are formed from
 - (A) Hemoglobin
 - (B) Cholesterol
 - (C) Unconjugated bilirubin
 - (D) Heme
5. BMR is mainly influenced by following :
 - (A) Calcitriol
 - (B) Calcitonin
 - (C) Parathormone
 - (D) Thyroxin
6. Following is highly elevated in acute pancreatitis
 - (A) ADA
 - (B) Amylase
 - (C) Lipase
 - (D) Both (B) and (C)
7. Night blindness is caused by the deficiency of following form of vitamin A related compounds
 - (A) Ratinol
 - (B) Retinal
 - (C) Retinoic acid
 - (D) Beta-Carotene
8. Methyl folate trap is due to
 - (A) Dihydrofolate deficiency
 - (B) Methionine excess
 - (C) Homocysteine deficiency
 - (D) Vitamin B₁₂ deficiency
9. Insulin resistance results in
 - (A) Hyperglycemia
 - (B) Hyperinsulinemia
 - (C) None of above
 - (D) Both of above
10. Glucose-6 phosphatase do not occur in
 - (A) Liver
 - (B) Kidney
 - (C) Skeletal Muscle
 - (D) Both (B) and (C)