

BLDE UNIVERSITY **JULY . 2011**
M.B.B.S.PHASE – I DEGREE EXAMINATION – ~~XXXXXXXXXX~~

Time: 3 Hrs

[Max.Marks: 100]

QP Code: 1005 BIOCHEMISTRY – PAPER I

Your answer should be specific to the questions asked. Draw neat labeled diagrams wherever necessary. Use separate answer books for PAPER I and PAPER II

LONG ESSAY

1 X 10 = 10 MARKS

1. Describe how ammonia is formed and detoxified.

(3+7)

SHORT ESSAY

5 X 5 = 25 MARKS

2. Competitive inhibition of enzyme activity.
3. Procedure and interpretation of oral GTT.
4. Functions of phospholipids.
5. Electron transport chain.
6. Lipid metabolism in starvation.

(5)

(3+2)

(5)

(5)

(5)

SHORT ANSWERS

5 X 3 = 15 MARKS

7. Antioxidant enzymes.
8. Define respiratory quotient and state its significance.
9. Define gluconeogenesis and mention the key enzymes.
10. Define oncogenes and give two examples.
11. Ribozymes.

(3)

(1+2)

(1+2)

(1+2)

(3)

QP Code: 1006 PAPER II

Use separate answer book

LONG ESSAY

1 X 10 = 10 MARKS

1. Describe the sources, RDA, functions and deficiency features of Vitamin A.

(1+1+5+3)

SHORT ESSAY

5 X 5 = 25 MARKS

2. Any one kidney function test.
3. Catabolism of heme.
4. Structure and functions of IgG.
5. Genetic code.
6. Factors influencing BMR

(5)

(5)

(3+2)

(5)

(5)

SHORT ANSWERS

5 X 3 = 15 MARKS

7. Gout.
8. Define a vector and give examples.
9. Interpretation of Vonden Bergh reaction.
10. Enumerate the blood buffers.
11. Give the reference values of serum
a) Cholesterol b) Total Bilirubin c) Albumin

(3)

(1+2)

(3)

(3)