

FEBRUARY 2008

[KS 502]

Sub. Code : 4053

FIRST M.B.B.S. DEGREE EXAMINATION.

Non-Semester

(Revised Regulation)

Paper III — PHYSIOLOGY INCLUDING
BIOPHYSICS – I

Q.P. Code : 524053

Time : Three hours

Maximum : 100 marks

Descriptive : Two hours and
forty minutes

Descriptive : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I. Essays:

1. Discuss the regulation of Serum Ca^{2+} concentration. What is Tetany? How do you treat it? (15)

2. Enumerate the functions of Liver and write about Jaundice.

II. Short notes :

(10 × 5 = 50)

1. Ovulation.

2. Glomerular Filtration Rate.

3. Physiologic principles of Tissue Transplantation.

4. Micturition.

5. Movements of small intestine.

6. T Lymphocytes.

7. Enzymes of Exocrine Pancreas.

8. Corpus Luteum.

9. Tubular maximum for Glucose.

10. Reactions due to incompatible blood transfusion.
What is Autologous Transfusion?