

HIM
Reg. No.

MANIPAL UNIVERSITY

FIRST YEAR B.Sc. M.L.T./B.Sc. N.M.T./B.Sc. R.T./B.Sc. M.R.T./B.Sc. M.I.T./ B.Sc. C.V.T./
B.Sc. R.R.T & D.T./M.Sc. N.M.T.

FIRST SEMESTER B OPTOM./B.Sc. H.I.A./ B.Sc. P.F.T.

DEGREE EXAMINATION – JUNE 2014

SUBJECT: ANATOMY/GENERAL ANATOMY

Tuesday, June 03, 2014

Time: 10.00-11.30 Hrs.

Max. Marks: 40

✍ Answer ALL the questions.

1. Name the parts of respiratory system. Describe the right lung in detail.

(5+5 = 10 marks)

2. Write short notes on the following:

2A. Spermatic cord

2B. Pericardium

2C. Gall bladder

2D. Spinal cord

2E. Tongue

2F. Fibrous joints

(5 marks × 6 = 30 marks)



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FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014

SUBJECT: PHYSIOLOGY (BHI 103)
(CREDIT BASED SYSTEM – 2013 SCHEME)

Thursday, June 05, 2014

Time: 10:00 – 11:30 Hours

Maximum Marks: 20

✍ Essay questions:

1. Define blood pressure and give its normal value. Explain the regulation of blood pressure by baroreceptor mechanism.
2. Draw a neat labeled diagram of oxygen hemoglobin dissociation curve. List two factors which shift the curve to the right.

(5 marks × 2 = 10 marks)

3. Write short answers for the following:

- 3A. Write two differences between rods and cones
- 3B. Name the receptor organ for hearing and mention its location
- 3C. Draw a labeled diagram of the nerve action potential
- 3D. State Landsteiner's law
- 3E. Describe rigor mortis

(2 marks × 5 = 10 marks)

