

PARAMEDICAL BOARD, BANGALORE

Annual Examination, January-2013

I Year Diploma in O.T Technology/ II Year Certificate course in O.T Technology

ANATOMY AND PHYSIOLOGY

Note: Write Section A & B in separate answer books

Time: 3 hrs

Max. Marks: 90

SECTION –A, ANATOMY (Write in separate answer book)

QP CODE – 2135

I. LONG ESSAY - ANSWER ANY ONE

1 x 10 = 10

- 1) Name the parts of female reproductive system and describe briefly gross anatomy of Ovary.
- 2) Name the parts of Brain. Describe briefly Cerebral hemisphere.

II. WRITE SHORT NOTES ON ANY FIVE

5 x 5 = 25

- 3) Left Lung.
- 4) Axillary artery.
- 5) Esophagus.
- 6) Salivary glands.
- 7) Name the bones of skull.
- 8) Microscopic structure of Retina.

III. WRITE SHORT ANSWERS

5 x 2 = 10

- 9) Name the contents of Carotid sheath.
- 10) Name the 4 basic tissues of the body.
- 11) Name the parts of Hind Brain.
- 12) Name the parts of Pancreas.
- 13) Vocal cords.

SECTION- B, PHYSIOLOGY (Write in separate answer book)

QP CODE – 2136

I. LONG ESSAY - ANSWER ANY ONE

1 x 10 = 10

- 1) Draw a neat labeled diagram of Nephron. Describe the formation of urine.
- 2) Describe the composition and functions of Bile.

II. WRITE SHORT NOTES ON ANY FIVE

5 x 5 = 25

- 3) Transport of Carbon dioxide in blood.
- 4) Plasma proteins.
- 5) Salivary juice.
- 6) Artificial respiration.
- 7) Temperature regulation.
- 8) Cardiac cycle.

III. WRITE SHORT ANSWERS

5 x 2 = 10

- 9) Define bleeding time & Clotting time.
- 10) Write down the names of bile pigments.
- 11) Functions of large intestine.
- 12) Name any two muscles of respiration.
- 13) Name any two functions of W.B.C (White Blood Corpuscles).
