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Reg. No.....

Name.....

M.Sc. (MEDICAL ANATOMY) DEGREE EXAMINATION, NOVEMBER 2025

Second Year

ANATOMY—IV

(Gross Anatomy, Micro Anatomy, Development and Aspects of Gastro Intestinal Tract and Urinary System)

(2023 Admissions—Regular/2019–2022 Admissions—Supplementary/2018 Admissions—First Mercy Chance/2017 Admissions—Second Mercy Chance/2016 Admissions—Final Mercy Chance)

Time : Three Hours | Maximum : 100 Marks

Answer Section A and Section B in **Separate** *Answer Books.*

Draw diagrams wherever necessary.

Section A

I. Answer any *two* :

(a) Describe the sites of Porto systemic anastomosis in the human body and its applied importance.

(b) Describe the relations, surfaces and development of Kidneys.

(c) Describe the surfaces, relations, ligaments and microscopic structure of Liver.

(2 × 15 = 30)

II. Write briefly on :

(a) Large Intestine.

(b) Extra hepatic biliary apparatus.

(2 × 10 = 20)

Section B

III. Write short notes on any *ten* :

(a) Spleen.

(b) Microscopic Structure of Urinary Bladder.

Turn over

(c) Development and Nerve supply of Tongue.

(d) Anal Canal.

(e) Blood Supply of Stomach.

(f) Pancreas.

(g) Splenic Artery.

(h) Cleft Palate.

(i) Blood Supply of Ureters.

(j) Oesophagus.

(k) Ascitis.

(l) Male Urethra

(10 × 5 = 50)