

Subject : Anatomy
Per : IFull Marks : 50
Time : 2½ hrs.

Use Separate answer script for each group

Attempt all questions. Draw suitable diagrams wherever necessary. The figures in the margin indicate full marks

Group - A

- a) A man of 65 years complaints of difficulty in micturition and occasional haematuria. On clinical examination and further investigations he was diagnosed to have malignancy of prostate. Give a brief account of lobes, capsule, glandular architecture of prostate and the role of its various drainage in bony metastasis. 3+3+3+3

or

- b) A patient has reported with fracture of surgical neck of humerus : 2+5+5

- i) Which nerve is susceptible to the injury?
ii) What is the origin and distribution of the nerve?
iii) Mention the effects of injury of the nerve.

Group - B

Answer any two of the following :

- a) On inspection of a newborn male baby the right scrotal sac was found empty and was diagnosed as anomalies of descent of testis. Write a brief note on descent of testis. Explain ectopic testis. 5+2
- b) Give an outline of lymphatic drainage of female breast. Explain peau d'orange. Malignancy of which quadrant is more dangerous and why? 4+1+1+1
- c) Give an account of the semi Lunar cartilages of the knee joint. Which cartilage is more prone to injury? Why the other cartilage is relatively immune to injury. 4+1+2.

Group - C

Write notes on any four of the following :

4 x 3

- a) Blastocyst. b) Transitional epithelium. c) Down's syndrome.
d) Spring ligament. e) Bile duct.

Group - D

Explain anatomically the following statements :

4 x 3

- a) Ureteric colic causes radiating pain from loin to groin.
b) Pectinate line in anal canal is known as watershed line.
c) Lysosomes are known as 'suicidal bag' of cell.
d) Polycystic kidney.