

SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

QUESTION BANK

4th Semester Examination (CBCS)

PHYSIOLOGY (GENERAL)

PAPER CODE: DSC-1DT

Paper-Sensory Physiology, Endocrinology & Reproductive Physiology & Renal Physiology

GROUP-A

MARKS-2

1. What is dark adaptation?
2. Write down the functions of Parathormone ?
3. What is negative after image?
4. What do you mean by accommodation?
5. Name the hormones secreted from anterior pituitary?
6. What is binocular vision?
7. What is atrial –natriuretic peptide and mentions its functions?
8. What is renal threshold ?
9. Differentiate between IDDM& NIDDM ?
10. Write short note on Argyll Robertson Pupil?
11. What are photopic & scotopic vision?
12. Write down the functions of sertoli cells?
13. What is Glomerular Filtration Rate ?
14. Write down the four normal constituents of urine?
15. What are secondary sex characters ?

GROUP- B

MARKS-5

1. Discuss in brief the mechanism of colour vision?
2. Mention the different types of colour blindnesses & their underlying reasons?
3. Describe the histological structure of parathyroid gland?
4. State the functions of PTH in our body?
5. Write down the non excretory functions of kidney?
6. Describe the histological structure of ovary?
7. Describe the structure of organ of Corti with a labeled diagram?
8. Mention the physiological changes due to hyperactive state of thyroid gland?
9. State the functions of melatonin in human body?
10. Name the hormones secreted from testis and briefly mention their functions?
11. Briefly describe the process of renin -angiotensin system?

GROUP-C

MARKS-10

1. Describe the origin, course & neural pathway smell?

2. What is papilla? Which papilla does not contain gustatory receptor? Describe the histological structure of taste bud?
3. Describe the histological structure of retina with a labeled diagram?
4. Describe the histological structure and development of mammary gland with its hormonal control?
5. What do you understand by primary & accessory sex organs? Describe the process of spermatogenesis?
6. Discuss the role of renal buffers in regulation of pH? Describe the process of spermatogenesis?
7. Describe the detailed structure of ultrafiltration membrane of nephron? What is micturition reflex? Name the abnormal constituents of urine?
8. What is Oestrous cycle? Discuss the hormonal control of female sexual cycle?
9. Write short note on menopause? What is sperm Capacitation ? Write down the functions of placenta?
10. Write short note on-a. Dwarfism, b. Goitre , c. Renal stone, d. Ovarian cysts ,e. Dialysis &artificial kidney.