**Human Anatomy and physiology QB B Pharm**

10 MARKS

1. Draw a neat labeled diagram of brain. Write two functions of each part of The brain
2. Explain in detail the mechanism of respiration
3. Mention the hormones of pituitary gland and write their function.
4. Draw neat labeled diagram of brain and write the functions of cerebrum And cerebellum.
5. With a neat labeled diagram explain the anatomy and physiology of Lungs.
6. a) Explain the hormones of posterior pituitary gland. B) What is insulin? Explain its role in the regulation of blood sugar level.
7. Explain the functions of hypothalamus and medulla oblongata.
8. Explain the physiology and regulation of respiration
9. Describe anatomy of pituitary gland and explain its hormones with Negative and positive feed back mechanism
10. Draw a neat labeled diagram of brain. Write two functions of each part of The brain
11. With a neat labeled diagram describe the structure of nephron. Explain Physiology of urine formation
12. Explain anatomy and physiology of adrenal gland
13. Explain the structure and functions of kidney, with mechanism of urine Formation
14. Explain in detail different functional areas of cerebrum with its functions
15. Explain the biosynthesis and functions of thyroid hormones
16. Explain the structure and functions of kidney, with mechanism of urine Formations
17. Explain the anatomical features of sympathetic and parasympathetic Nervous system
18. Explain the hormones of pituitary gland, write its function.

5 MARKS

1. Classify nervous system. Explain the functional areas of cerebrum.
2. Write the anatomy and physiology of stomach
3. Explain the physiology of urine formation
4. Explain the biosynthesis and functions of thyroid hormones
5. Explain the structure and functions of testes
6. Mention the salivary glands. Write the composition and functions oo Saliva
7. Explain transport of respiratory gases
8. Anatomy and physiology of mammary glands
9. Explain Oogenesis
10. Mention the functions of thalamus and hypothalamus
11. Write the anatomy and physiology of liver.
12. Write the physiology of urine formation.
13. Explain the regulation of respiration
14. Explain the functions of adrenal cortex hormones
15. Write the physiology of menstrual cycle
16. Explain spermatogenesis
17. Explain Movements of small intestine
18. What is parturition? Explain the stages of parturition
19. Describe anatomy of spinal cord
20. Explain digestion and absorption of carbohydrates, proteins and fats
21. Describe nephron with neat labeled diagram.
22. Define- Cushing’s syndrome, Addison’s disease, Acromegaly, Pheochromocytoma, Diabetes insipidus
23. Explain the formation and role of ATP
24. Define lung volume, and capacities along with normal values
25. Explain the organs and functions of male reproduction System
26. Explain the stages of pregnancy
27. Describe spermatogenesis.
28. Describe the composition and functions of cerebrospinal fluid
29. Explain the structure and functions of thymus gland
30. Describe the exocrine secretions of pancreas
31. Explain transport of oxygen and carbon dioxide
32. Explain the functions of anterior pituitary hormones
33. salivary glands, describe the composition and functions of salival
34. What is insulin? Explain its role In the regulation of blood sugar level.
35. Describe the functions of liver.
36. With a neat labeled diagram. Explain anatomy of lungs
37. Describe the functions of medulla oblongata and pons
38. Explain the functions of liver
39. Explain the events of Menstrual cycle
40. Explain in detail about renin angiotensin system
41. Explain the phases of gastric acid secretion
42. Explain with neat labeled diagram explain respiratory tract
43. Explain layers of GIT
44. Explain the structure and functions of parathyroid gland
45. Explain the structure and functions of ovary
46. Explain nerve plexus
47. Explain endocrine secretions of pancreas and their functions
48. Explain the digestion of carbohydrate, protein and fats at different levels of GIT
49. Explain the anatomy and functions of liver
50. Explain Regulation Of respiration
51. Explain the role of renin angiotensin system In regulation of blood Pressure
52. Explain genetic pattern of inheritance
53. List out the organs of female reproductive system and explain uterus
54. What is parturition? Explain the stages of parturition.

2 marks

1. Write on Meninges
2. Define- Micturition
3. Define- Acromegaly, Cretinism
4. What are ventricles of the brain
5. Define peptic ulcer
6. Define- Gigantism and Dwarfism
7. Write the divisions of nervous system
8. Define polycystic ovarian disease
9. Define anorexia and GRD
10. Mention the functions of testes
11. Mention types of reflexes
12. Write the functions of saliva
13. Define Tidal volume and Vital capacity
14. Write the functions of thymus gland
15. Write the functions of gastric juice
16. Write the functions of cerebrospinal fluid
17. Define infertility. Poly cystic ovarian disease
18. Define pheochromacytoma, diabetes insipidus
19. Mention the functions of ovaries
20. Write the divisions of nervous system
21. Write the functions of thymus gland
22. Write the functions of medulla oblongata
23. Define constipation and diarrhea
24. Mention the different methods of artificial respiration
25. List the functions of cerebellum
26. Mention the functions of pineal gland
27. Explain genetic pattern of inheritance
28. Define reflux are
29. Composition Functions of bile
30. Define parturition
31. Mention the layers of GIT
32. Define synapse
33. Define reflue arc
34. Define anorexia and peptic ulcer
35. Describe layers of brain
36. Explain hyperthyroidism and hypothyroidism
37. Name the ducts of the male reproductive system from proximal to Distal end
38. Write the functions of oxytocin
39. Mention the functions of ovary
40. Write the difference between somatic and autonomic nervous system
41. Write the functions of thalamus
42. internal and external respiration
43. Explain Extra pyramidal tract
44. Differentiate between diabetes and diabetes mellitus
45. Define afferent and efferent nerves
46. Write the functions of pineal gland
47. Define the terms liver cirrhosis and hepatitis
48. Write the structure and functions and sperm
49. Write about movement of large intestine
50. Explain seminiferous tubules
51. Define action potential and synapse
52. Define anorexia and pancreatitis
53. Define gastritis and hepatitis
54. Explain chloride shift
55. Define dwarfism and gigantism
56. Write a note on gonads
57. Write functions of hypothalamus
58. Draw a neat labeled diagram of neuron and label it
59. Name the ducts of the male reproductive system from proximal Distal end
60. Write about hormones of male and female reproductive system.