

QP. CODE: MB2019103

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MBBS FIRST YEAR SUPPLEMENTARY EXAMINATIONS: JUNE, 2022

ANATOMY ((NEW REGULATION)

PAPER I

Time: 3 Hours

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation whenever necessary

Write a Long Answer Questions on the following

2x15=30

1. A female patient 30 years of age complains of tremors of her hands. On physical examination she has a swelling in the median region of the neck.

- Evaluate the probable diagnosis.
- Name the gland which is swollen.
- Explain its surface features and relations with diagrams.
- Mention its Blood Supply.

(4+1+5+5)

2. Discuss the shoulder joint under the following headings.

- Bones Articulating.
- Type of Joint.
- Movements possible at the joint.
- Muscles producing the movement.
- Nerve supply to the joint

(1+1+4+6+3)

Write a Short Answer Questions on the following:**8x5=40**

3. Explain the boundaries of the inferior horn of the lateral ventricle.
4. Explain the microscopic structure of Lymph node.
5. Explain the development of the Tongue.
6. Explain the Superficial palmar arch.
7. Enumerate the sulci and gyri of Parietal and Temporal lobes of the cerebral cortex. Mention the functional areas located in these lobes.
8. Enumerate the derivatives of Somites.
9. Explain the Hyoglossus muscle and its relations.
10. Explain the Microscopic structure of the Pituitary gland.

Write Very Short Answer on the following:**10X3=30**

11. Biochemical functions of Zn and Iodine.
12. Haemoglobin Derivatives.
13. Genetic Code
14. Write any 3 inhibitors of De Novo purine synthesis.
15. Phenyl Ketonuria.
16. Oncogenes.
17. Creatinine clearance.
18. Biochemical functions of Niacin coenzymes.
19. Homocystinuria.
20. Applications of PCR in Clinical Medicine
