

SET TWO

S S Institute of Medical Sciences & Research Centre

First M.B.B.S. 3rd Internal Assessment Examination 2018-19 Batch

Time : 3 Hrs.

[Max. Marks: 100]

Date 09/05/2019

PHYSIOLOGY

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Write NA in the index if you do not attempt any question

All questions should be started on fresh page

LONG ESSAYS:

2 X 10 = 20 Marks

1. Describe the regulation of blood calcium. Add a note on hypocalcaemic tetany
2. Describe the mechanisms of concentration and dilution of urine.

SHORT ESSAYS:

10 X 5 = 50 Marks

3. Anti inflammatory and Anti allergic actions of glucocorticoids.
4. Photo transduction.
5. Synthesis of thyroid hormone.
6. Colour vision.
7. Trace taste pathway.
8. Micturition reflex.
9. Renal handling of water.
10. Spermatogenesis.
11. Actions of progesterone.
12. Contraceptive methods in females.

SHORT ANSWERS:

10 X 3 = 30 Marks

13. Addison's disease.
14. Actions of ADH.
15. Atrial natriuretic peptide (ANP).
16. Functions of JG Apparatus.
17. Tubulo glomerular feedback.
18. Diuretics.
19. Glaucoma.
20. Organ of corti.
21. Nyctalopia
22. Visual acuity.