

SET THREE

S S Institute of Medical Sciences & Research Centre

Second Internal Assessment Examination for 1st MBBS students of 2018-19 Batch.

Duration : 3 Hrs.
Date : 09/03/2019

[Max. Marks: 100]

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. Define cardiac cycle. Describe with the help of neat diagram pressure changes in left ventricle, left atrium and aorta during cardiac cycle. Add a note on volume changes in left ventricle (1+7+2)
2. Describe the connections and functions of basal ganglia. Add a note on Parkinsonism (7+3)

SHORT ESSAYS:

10 X 5 = 50 Marks

3. Heart sounds.
4. Conducting system of heart. *Explain Compensatory mechanism of hypovolumic shock*
5. Coronary circulation.
6. Mention the properties of cardiac muscle. Describe any two properties.
7. Hypoxic hypoxia.
8. Dysbarism
9. Differences between UMN & LMN lesion.
10. Referred pain.
11. Draw a neat labeled diagram of dorsal column pathway.
12. Decerebrate rigidity.

SHORT ANSWERS:

10 X 3 = 30 Marks

13. Angina pectoris.
14. PR interval.
15. Bain bridge reflex.
16. Triple response.
17. Weber fechner's law.
18. Papez circuit.
19. Mass reflex.