

S S Institute of Medical Sciences & Research Centre

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

Duration : 3 Hrs.
Date : 30/11/2018

[Max. Marks: 100]

PHYSIOLOGY 3

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. With the help of neat labeled diagram describe the stages of erythropoiesis. Add a note on factors affecting erythropoiesis. (6+4)
2. Draw a neat labeled diagram of neuromuscular junction. Describe the events occurring at NMJ. Add a note on myasthenia gravis (2+5+3)

SHORT ESSAYS:

10 X 5 = 50 Marks

3. Humoral immunity.
4. Hazards of mismatched blood transfusion.
5. Fibrinolytic system.
6. Mention the gastrointestinal hormones. Describe the actions of any two.
7. Composition and functions of pancreatic juice.
8. Dead space.
9. With the help of neat labeled spiogram define various lung volumes and capacities. Give normal values (2+1)
10. Oxygen dissociation curve.
11. Active transport.
12. Excitation contraction coupling.

SHORT ANSWERS:

10 X 3 = 30 Marks

13. Iron deficiency anemia.
14. Hemophilia.
15. Name three anticoagulants. Explain the mechanism of action.
16. Functions of large intestine.
17. Physiological basis for treatment of peptic ulcer.
18. ~~Mention six functions of liver~~ Achalasia Cardia.
19. Haldane effect.
20. Features of pulmonary circulation.
21. Leukemia.