



Department of physiology

Time allowed: Three hours

Total marks: 30

Physiology
MSC Tropical

Tanta University
Faculty of Medicine
Code: TROP 8001
Date: 21 / 3 / 2021

All the questions must be answered:

1. Discuss : Causes and manifestation of Obstructive jaundice. (5 marks)
2. Mention : Functions of thyroid hormones. (5 marks)
3. State : Factors affecting vital capacity of the lung. (5 marks)

All the following must be answered by only one choice (15 marks)

- 1- The postganglionic sympathetic neurons release:
 - a. Acetyl choline.
 - b. Adrenaline.
 - c. Noradrenaline.
 - d. Serotonin.
- 2- Peripheral vascular resistance is:
 - a. Directly proportionate to heart rate.
 - b. Inversely proportionate to heart rate.
 - c. Directly proportionate to blood viscosity.
 - d. Inversely proportionate to blood viscosity.
- 3- Stimulation to alpha 1 adrenergic receptors induce :
 - a. Miosis.
 - b. Decrease heart rate .
 - c. Contraction to splenic capsule
 - d. Bronchoconstriction.
- 4- Intrinsic mechanism of blood coagulation start by activation of factor :
 - a. VIII.
 - b. X.
 - c. XII.
 - d. III.
- 5- Heart rate is:
 - a. Directly proportionate to arterial blood pressure.
 - b. Inversely proportionate to arterial blood pressure.
 - c. Increased by vagal stimulation.
 - d. Decrease by sympathetic stimulation.
- 6- Pulse pressure normally equal:
 - a. 120 mmHg.
 - b. 40 mmHg.
 - c. 90 mmHg
 - d. 70 mmHg.
- 7- Irreversible shock induce:
 - a. Increase sympathetic activity.
 - b. Increase capillary permeability.
 - c. Increase cardiac output.
 - d. Decrease capillary permeability

Look to back



Tanta University
Faculty of Medicine
Medical Biochemistry Department

Date: 21-3 - 2021

Biochemistry Exam. For Tropical Medicine M.S.

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Write on the following:

1. Role of liver in ammonia detoxication.
2. Sources and activation of vitamin D.
3. Heme catabolism with reference to hemolytic jaundice.

Good Luck

سيعد امتحان الشفوى بمشيئة الله بمراجعة القسم
مع ضرورة التزام الطالب بارتداء الكمامة



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