


<p>Tanta University</p> <p>Faculty of Medicine</p> <p>Anesthesia, SCC& Pain Medicine Dep.</p> <p>Date: 21 / 8 /2019</p>	<p>Exam: 1st part of MD (Physiology)</p> <p>No. of Questions: 6</p> <p>Time allowed: 3 hours</p> <p>Total marks: 45</p>	
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- 1- a-Describe the physiological mechanism of hypoxic pulmonary vasoconstriction? (3marks)
- b-What are the factors thought most likely to mediate HPV (3marks)
- c- Give some examples of hypoxic pulmonary vasoconstriction in clinical practice (3marks)
- d-What are the factors that enhance or reduce HPV? (3marks)
- 2- a-What is the vomiting centre and where it is located? (3marks)
- b-Describe the sequence of events involved in vomiting (3marks)
- c-Outline peri-operative risk factors of post-operative nausea and vomiting (PONV) (3marks)
- d- Explain the physiological bases of PONV prevention? (3marks)
- 3- a-Outline the adverse effects of hypothermia? (3marks)
- b-What are the common measures to prevent intra-operative hypothermia? (3marks)
- 4- Compare the Physiological differences between neonatal and adult CNS as regards to ICP, BBB, Spinal cord (5marks)
- 5- How is water distributed in the body? (5marks)
- 6- How does the body regulate cardiac output? (5marks)

GOOD LUCK



Department of physiology

Time allowed: Three hours

Total marks: 90

Physiology
MD Psychology

Tanta University

Faculty of Medicine

Code: Neuro PSCH 900P1

Date: 17/8/ 2019

All questions must be answered:

- 1- Discuss: Types and mechanism of memory with special reference to memory encoding and consolidation . (30 marks)
- 2- Discuss: Functions of limbic system. (30 marks)
- 3- Mention: Functions of cortical association areas. (30 marks)

إمتحان الشفهي يوم السبت الموافق 2019 /8/31 في قسم الفسيولوجي الساعة التاسعة صباحا