

Aswan University

MD. Degree "Medical Physiology"

Faculty of Medicine

Physiology Exam.(Paper III)

Dep. of Medical Physiology

Time allowed : 180 Min.

Sunday, 31/10/2022

Total Marks: 180

Answer the following questions:

- 1- Describe circuits , functions of the basal ganglia and the pathophysiology of its lesion. ? (40 marks)
 - 2- Explain how does the vestibular system play a role in maintenance of body equilibrium? (30 marks)
 - 3- Define memory, mention its types and mechanisms? (20 marks)
 - 4- Describe the mechanism of sound loudness discrimination by the auditory system? (25 marks)
 - 5- Write on mechanism of color vision and pathophysiology of color blindness? (20 marks)
 - 6- Discuss types and functions of adrenergic receptors ? (25 marks)
 - 7- Mention effects of parasympathetic innervation on different body systems ? (20 marks)
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Good Luck. Prof. Mahmoud Raafat & Exam committee