

Aswan University

Ms. Program 'Urology'

Faculty of Medicine

Final physiology exam.

Dep. of Medical Physiology

Time :60 minutes.

Sunday, 15/4/ 2018

Total Marks: 33.5

Answer the following questions:

- 1- A 35-year-old man presents to his physician complaining of difficulty in voiding for the past 6 months. The patient was diagnosed with insulin-dependent diabetes mellitus at age 15. He has managed his diabetes with daily injections of insulin and has been able to achieve good plasma glucose control. Cystometry showed weak contraction of the detrusor muscle.
- a- Mention the micturition reflexes? (6.5 Marks)
- b- Describe the pathophysiology of abnormal micturition? (7 Marks)
- 2- Give an account on the functions of the distal renal tubules?. (10 Marks)
- 3- Discuss the functions of sertoli cells? (10 Marks)

Good Luck. Prof. Mahmoud Raafat & Exam committee