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Paper Code : MPY-201 A (SVSU:2022-23/R)

Enrollment No.

M.Sc.

MEDICAL PHYSIOLOGY

PAPER-I - MPY-201

MM=100

Time= 3 Hours

Q 1. Define menstrual cycle. Describe the different phases of menstrual cycle & its hormonal control. (20)

Q 2. Discuss the mechanism of urine formation and also write a note on kidney function test. (20)

Q 3. Define acclimatization? Write the differences between an acclimatized and unacclimatized person at high altitude. (20)

Q 4. Write Short Notes on- (8×5=40)

- a) Blood Testes Barrier
- b) Effect of moderate exercise on heart rate & blood pressure.
- c) Juxta glomerular apparatus
- d) Contraceptive methods in females.
- e) Cassion's disease

Printing Pages :1

Paper Code : MPY-202 B (SVSU:2022-23/R)

Enrollment No.

M.Sc MEDICAL PHYSIOLOGY**Second - Year Examination****Paper Code: MPY 202.****Systemic Physiology –II (Endocrinology, CNS & Special Senses)****[Time : 03:00 Hours]****[Max. Marks : 100]****Note : 1. Attempt all the questions as per given instructions .Draw diagrams & flow chart wherever necessary.**

- 1) Describe the functions of glucocorticoid hormone. Add a note on Cushing's Syndrome.
(15+5=20)
- 2) Describe the pathophysiology and basic principles of management of Parkinson's disease.
(15+5= 20)
- 3) Discuss the pain pathway and gate control theory of pain. (5+5=10)
- 4) Enumerate the hormones of Pituitary Gland. Discuss the functions and applied aspects of growth hormone.
(2+4+4=10)
- 5) Write short notes on : (5x8=40)
 - a) Refractive errors of Eye
 - b) Organ of corti
 - c) Stretch Reflex
 - d) Milk let down reflex
 - e) Actions of Insulin