

P P SAVANI UNIVERSITY

Second Semester of B.P.T. Examination (Backlog-1)

January 2019

SPPT 1081

18.01.2019, FRIDAY

HUMAN PHYSIOLOGY-II

Max. Marks: 70

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed

SECTION-I

(35 Marks)

Question 1 (Essay Question – Any one)

(10*1=10 Marks)

- 1) Feature and action of parasympathetic nerve supply.

OR

- 1) Describe composition of bile and function of liver in detail

Question 2 (Short Notes – Any Two)

(2*5=10 Marks)

- 1) Oestrogen
- 2) Visual Pathway
- 3) Effect of exercise on different system

Question 3 (Very Short Notes-Any Five)

(3*5=15 Marks)

- 1) Function of cerebellum
- 2) Gastric Juice
- 3) cortisol
- 4) Descending tract pathway
- 5) Reflex mechanism
- 6) Composition of CSF
- 7) LH surge

SECTION-II

(35 Marks)

Question 1 (Essay Question –Any one)

(10*1=10 Marks)

1) Write in detail about pulmonary function test

OR

1) Write detail about cardiac cycle

Question 2 (Short Notes – Any Two)

(2*5=10 Marks)

1) Action potential

2) Structure of smooth muscle

3) ECG

Question3 (Very Short Notes-Any Five)

(3*5=15 Marks)

1) All or none law

2) Pacemaker

3) Frank Starlings Law

4) Walk Along theory

5) Chronaxie

6) Spirometry

7) Regulation of heart beat
