

OCTOBER - 1999

[KA 512]

M.D. (Siddha) DEGREE EXAMINATION.

First Year

Branch V — Noi Nadal

Paper III — UDAL THATHUVAM

(NAVEENA MURAIGAL)

Time : Three hours

Maximum : 100 marks

Answer Section A and B in separate answer sheets.

SECTION A

1. Name the hypothalamic hormones and explain their influence on the hormones of adenohypophysis. (15)
2. Give an account of the intestinal absorption of carbohydrates, proteins, fats, water and electrolytes. (15)
3. Write short notes on : (4 × 5 = 20)
 - (a) Prostaglandins.
 - (b) Refractory period
 - (c) Agranulocytes
 - (d) Interstitial Fibrosis

SECTION B

4. Describe the structure of ear and explain the physiology of hearing. (15)
5. Describe the nervous control of the heart. (15)

6. Write short notes on : (4 × 5 = 20)
 - (a) Cough Reflex.
 - (b) Apocrine Sweat glands.
 - (c) Leishman's stain.
 - (d) Conditioned and unconditioned Reflexes.

APRIL - 2000

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First Year

(New Regulations)

Branch V — Noi Nadal

Branch VI — Nanju Noolum Maruthuva Neethi Noolum

Paper III — UDAL THATTHUVAM

(NAVEENA MURAIGAL)

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Describe Erythropoiesis and factors regulating it. (15)
2. Explain the functions of kidneys and describe the mechanism of urine formation. (15)
3. Write briefly on : (4 × 5 = 20)
 - (a) Blood groups
 - (b) Spermatogenesis
 - (c) Heart sounds
 - (d) Taste Buds.
4. Describe the digestion of different types of food stuffs in intestine. (15)

5. Describe the functions of (a) Spleen (b) Skin (c) Liver. (15)

6. Write short notes on : (4 × 5 = 20)

- (a) Cerebro spinal fluid
- (b) Rh incompatibility
- (c) Hypoxia and O₂ therapy
- (d) Pancreas

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Branch V Noi Nadal

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Paper III — UDAL THATTHUVAM

(NAVEENA MURAIGAL)

Time : Three hours

Maximum : 100 marks

Answer ALL questions

- 1 Explain the mechanism of coagulation of blood (15)
- 2 Describe the functions of ovarian hormones (15)
- 3 Write short notes on (4 × 5 = 20)
 - (a) Myxoedema
 - (b) Pneumothorax
 - (c) Heart Sounds
 - (d) Pheochromocytoma

- 4 Explain the digestion of food in the mouth. (15)
- 5 Detail the chemical and physical regulation of body temperature. (15)
- 6 Write short notes on : (4 × 5 = 20)
 - (a) Tissue Respiration
 - (b) Glaucoma
 - (c) Hormones of kidneys
 - (d) Heart block.