

APRIL 1999

[SG 1401]

BACHELOR OF NATUROPATHY AND YOGIC
SCIENCES (BNYS) DEGREE EXAMINATION.

First Year

Paper I — HUMAN ANATOMY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any TWO of the following : (30)
 - (a) Joint of the vertebral column and muscles involved in the movements of their joints.
 - (b) Microscopic structure of Bone and distribution of Median nerve in the palm and its clinical importance.
 - (c) Define supination and pronation movements. What are the joints involved? Describe the muscles responsible for this action.
2. Write short notes on : (5 × 4 = 20)
 - (a) Patella
 - (b) Left ventricle
 - (c) Abduction and adduction of shoulder joint
 - (d) Neuron
 - (e) Ileofoemoral ligament
 - (f) Foot drop.

SECTION B

(ANATOMY)

3. Write an essay on any ONE of the following : (20)
 - (a) Name the parts of Brain. Briefly describe the important lobes, sulci, gyri and functional areas of cerebrum.
 - (b) Describe the formation of lumbar plexus. What are its branches? Give their root values?
 - (c) Ulna and the muscles attached and joints related to it.
4. Write notes on any SIX : (6 × 5 = 30)
 - (a) Erb's paralysis
 - (b) Cubital fossa
 - (c) Semicircular canals
 - (d) Mastoid process
 - (e) Root of the lung
 - (f) Structure of kidney
 - (g) Spleen.

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[KA 1401]

BACHELOR OF NATUROPATHY AND YOGIC
SCIENCES (BNYS) DEGREE EXAMINATION.

First Year

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following :

(a) Discuss in detail the Vermiform Appendix
under the following headings :

- (i) Situation
- (ii) Positions
- (iii) Blood supply
- (iv) Nerve supply
- (v) Histology
- (vi) Applied Anatomy. (20)

Or

(b) Discuss in detail the ligaments, movements,
blood supply, nerve supply of Shoulder Joint. (20)

2. Write short notes on any SIX (6 × 5 = 30)

- (a) Gall bladder
- (b) Supinator
- (c) 1st rib
- (d) Male urethra
- (e) Arch of Aorta
- (f) Histology of parathyroid
- (g) Filum terminale
- (h) Atlanto axial joint.

SECTION B

Write an essay on any ONE of the following.

3. (a) Discuss in detail the relations, blood supply
histology of thyroid gland. (20)

Or

(b) Describe the femoral artery under following
headings :

- (i) Origin
- (ii) Course
- (iii) Termination
- (iv) Relations
- (v) Branches. (20)

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4. Write short notes on any SIX : (6 × 5 = 30)

- (a) Popliteus muscle
 - (b) Fallopian tube
 - (c) Pericardium
 - (d) Inversion and Eversion
 - (e) Superficial palmar arch
 - (f) Epiphysis
 - (g) Histology of thymus
 - (h) Palatine tonsil.
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BACHELOR OF NATUROPATHY AND YOGIC
SCIENCES (BNYS) DEGREE EXAMINATION.

First Year

Part I

(Old Regulations)

Paper I — HUMAN ANATOMY

Time : Three hours ~~APR 2000~~ Maximum : 100 marks

Answer Sections A and B in separate Answer books.

SECTION A

1. Answer any TWO of the following : (30)

(a) Draw a labelled diagram of the Radius. Mention the muscles attached and the joints related to it.

(b) Pyramidal motor system formation and course.

(c) What is ossification and explain the types of ossification with examples.

(d) Describe the dorsiflexion and plantar flexion. What are the joints involved? Describe the muscles responsible.

2. Write notes on any FOUR : (4 × 5 = 20)

(a) Pectoralis major

(b) Oesophagus

(c) Retina

(d) Vocal folds

(e) Diaphragm.

SECTION B

3. Write an essay on any TWO of the following: (20)

(a) Locking and unlocking of knee joint.

(b) Give the general features of synovial joints and give two examples and the muscles attached to the joints.

(c) Sciatic nerve course and branches.

(d) Radial nerve in the upper arm.

4. Name the muscles responsible for the following movement : (5 × 2 = 10)

(a) Abduction of hip joint

(b) Protraction of mandible

(c) Supination and pronation

(d) Extension of Hip joint.

(e) Flexion and extension of Ankle joint

(f) Shrugging of shoulder

(g) Flexion and extension of wrist.

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

- (a) Mastoid process
 - (b) Tongue
 - (c) Sacro-Tuberous ligament
 - (d) Flexor Retinaculum of palm
 - (e) Periosteum
 - (f) Plantar aponeurosis
 - (g) Teres major.
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BACHELOR OF NATUROPATHY AND YOGIC
SCIENCES (B.N.Y.S.) DEGREE EXAMINATION.

First Year

Part I

(Old Regulations)

Paper I — HUMAN ANATOMY

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate Answer books.

SECTION A

1. Write an essay on any ONE of the following :

(a) Mention the features of synovial joint.
Discuss in detail the ankle joint under the following
headings. (5)

(i) Bones forming

(ii) Ligaments

(iii) Movements

(iv) Nerve supply

(v) Blood supply. (3 + 4 + 4 + 2 + 2 = 15)

(b) Describe the position, relations and blood
supply of the left kidney. (20)

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2. Write short notes on any SIX : (6 × 5 = 30)

- (a) Histology of supra renal
- (b) Mediastinal surface of right lung
- (c) Biceps brachii
- (d) Manubrium sterni
- (e) Superficial peroneal nerve
- (f) Portal vein
- (g) Clavi pectoral fascia
- (h) Lingual artery.

SECTION B

3. Write an essay on any ONE of the following :

- (a) Discuss in detail the lateral wall of nose. (20)
- (b) Discuss in detail the brachial plexus under the following headings :

- (i) Formation
- (ii) Type
- (iii) Relations
- (iv) Branches

Write a note on Erb's palsy.

(2 + 2 + 2 + 9 + 5 = 20)

4. Write short notes on any SIX : (6 × 5 = 30)

- (a) Lymphatic drainage of mammary gland
- (b) Histology of skin
- (c) Cervical pleura
- (d) External jugular vein
- (e) Phrenic nerve
- (f) Patella
- (g) Lateral pterygoid muscle
- (h) Internal capsule of brain.