

2/1958

0219E627

Candidate's Seat No : _____

First Year B.H.M.S. Examination
Anatomy-1

Date : 11-02-2019, Monday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions : (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

Q1 Write in detail about anatomy of cavernous sinus	15
OR	
Q1 Write in detail about anatomy of tongue	15
Q2 Write in detail anatomy of thyroid gland	15
OR	
Q2 1 Carotid triangle	7
2 TM Joint	8
Q3 Short notes any three	15
1 retina	
2 bell's palsy	
3 falx cerebri	
4 hard palate	
5 cartilages of larynx	
Q4 write short answers	5
1 describe cephalhaematoma	
2 name signal nodes	
3 name tortous artery of face	
4 name denticulate suture	
5 what is litle's area	
SEC 2	
Q 1 Write in detail about anatomy of medulla in detail	15
OR	
Q1 Write in detail about lateral ventricle in detail	15
Q 2 Write in detail shoulder jt in detail	15

OR

[P.T.O]

E 627-2

- Q2 cubital fossa 7
- Median nerve 8
- Q3 write short notes (any 3) 15
1. Palmar aponeurosis
 2. Anastomosis around scapula
 3. Erb's paralysis
 4. Circle of willis
 5. Internal capsule
- Q4 write short answers 5
1. Name pure motor nerves
 2. Describe filum terminale
 3. Example of commisser fiber
 4. What is tennis elbow
 5. Content of upper triangular space

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First Year B. H. M. S. Examination
Anatomy-2

Date : 12-02-2019, Tuesday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

SECTION I

- | | | |
|---|---|----|
| 1 | Describe in detail pericardium. | 15 |
| | OR | |
| 1 | Describe in detail broncho pulmonary segment. | 15 |
| 2 | Describe in detail femoral triangle. | 15 |
| | OR | |
| 2 | (a) Sciatica nerve | 7 |
| | (b) Ligament of knee joint. | 8 |
| 3 | Write short notes on (any three) : | 15 |
| | (a) Inlet of thorax | |
| | (b) Bronchial tree | |
| | (c) Recesses of pleura | |
| | (d) Gluteaus maximus | |
| | (e) Dorsalis pedis artery. | |
| 4 | Write short notes : | 5 |
| | (a) Name tailors muscle | |
| | (b) Apllied anatomy of sternal angle | |
| | (c) Name the type of ankle joint | |
| | (d) What is tendor buck test | |
| | (e) Define oesophageal varices. | |

[P.T.O.]

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SECTION II

- 5 Describe in detail liver. 15
- OR
- 5 Describe in detail rectus sheath. 15
- 6 Describe in detail urinary bladder. 15
- OR
- 6 (a) Supports of uterus. 7
(b) Male urethra. 8
- 7 Write short notes (any three) : 15
- (a) Second part of duodenum
 - (b) Pancreas
 - (c) Inguinal canal
 - (d) Appendix.
 - (e) Draw and label anterior relation of kidney.
- 8 Write short notes : 5
- (a) Name police man abdomen
 - (b) Write content of stomach bed
 - (c) Name the area for pain of renal calculi
 - (d) One difference between small and large intestine
 - (e) What is cystocopy.
-

Instructions : (1) Answer to the point.

(2) Figure to the right indicates marks.

(3) Draw diagrams wherever necessary.

(4) Write legibly.

(5) Use separate answer books for each section.

SECTION - I

Q.1 Describe the different stages of development of red blood cell & mention role of Vitamin B12.

OR

Q.1 Explain physiology of Blood group in detail.

Q.2 Describe in detail the events of Cardiac cycle.

OR

Q.2 Define Blood pressure. Write in detail regulation of blood pressure.

Q.3 Write Short Notes: (Any Three)

a) Purpura

b) Factors affecting cardiac output

c) Diffusion

d) Functions of Spleen

e) Osmosis

Q.4 Write Answer in short

a) Full form of ECG

b) Normal stroke volume _____ (70ml/2000ml/2800ml)

c) Full form of MCV

d) The normal value of Neutrophil count in % _____

e) Daily requirement of Iron in male and females is _____

SECTION - II

Q.1 Describe transport of oxygen from lungs to tissues.

OR

Q.1 Draw labelled diagram of Respiratory membrane. Explain factors affecting diffusion across respiratory membrane.

Q.2 Explain in detail physiology of Micturition in human.

OR

Q.2 Define GFR. Write in detail factors affecting Glomerular filtration rate.

Q.3 Write Short Notes: (Any Three)

a) Regulation of Body temperature

b) Functions of skin

c) Surfactant

d) Reabsorption of Glucose in PCT

e) Hypoxia

Q.4 Write Answer in short

a) Which test is used to detect urine sugar?

b) Anatomical capacity of urinary bladder is _____

c) Renin secreted from which organ?

d) Inner layer of skin is called as _____

e) Urea is the catabolic product of _____

(05)

(15)

(15)

(15)

(05)

(15)

(15)

(15)

First Year B.H.M.S. Examination
Physiology Paper II

Date : 14-02-2019, Thursday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

SECTION – I

Q.1 List functions of Hypothalamus and explain any two functions in detail. (15)

OR

Q.1 What is synapse? Explain the structure, functions and properties of synapse.

Q.2 Explain the functions & mechanism of regulation of thyroid hormone. (15)

OR

Q.2 Describe functions of Glucocorticoids.

Q.3 Write Short Notes: (Any Three) (15)

- a) Anti-Diuretic Hormone
- b) Tetany
- c) Neurone
- d) Acromegaly
- e) Reflex arc

Q.4 Write Answer in short (05)

- a) Define Neuroglia
- b) The person affected grows big like a giant the condition called as _____
- c) When the lens becomes opaque, the condition is called _____
- d) Loss of memory is called as _____
- e) Scurvy is due to deficiency of Vitamin _____

SECTION – II

Q.1 Describe the functions & mechanism of control of secretion of Salivary juice. (15)

OR

Q.1 Describe in detail digestion and absorption of Carbohydrate in detail.

Q.2 Write in detail about Menstrual cycle. (15)

OR

Q.2 Write in detail functions of Testosterone. Write note on Sperm.

Q.3 Write Short Notes: (Any Three) (15)

- a) Vitamin A
- b) IUCD
- c) Extra digestive functions of Gastric juice
- d) Peristalsis
- e) Scurvy

Q.4 Write Answer in short (05)

- a) Normal value of blood sugar _____ mg/dl
- b) Write one physiological condition of Amenorrhoea
- c) Name Fat soluble vitamins
- d) Sperm motility is caused by _____
- e) Normal value of Serum Calcium in blood _____

**First Year B.H.M.S. Examination
Homeopathic Pharmacy**

Date : 15-02-2019, Friday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
 (2) Figure to the right indicates marks.
 (3) Draw diagrams wherever necessary.
 (4) Write legibly.
 (5) Use separate answer books for each section.

SECTION: - I

Q - 1	What is Pharmacopoeia? Write down types of pharmacopoeia, objective and homoeopathic pharmacopoeia Indian.	15
OR		
Q - 1	What is drug? Write down classification with example, types and preparation of nosodes.	15
Q - 2	What is standardization? Write down in detail Organoleptic evaluation.	15
OR		
Q - 2	Write down function of laboratory and discuss in detail of distillation process.	15
Q - 3	Write short notes any three 1. Different Between Sublimation And Distillation 2. Pharmacist 3. Mortar Pestle 4. Crystallization 5. Collection Of Snake Venom	15
Q - 4	Write answer 1. What is drug strength 2. What is dilution 3. What is pharmacy 4. What is sarcodes 5. What is imponderabilia	05

SECTION: - II

Q - 1	What is Dynamisation? Discuss in Detail L. M. Scale	15
OR		
Q - 1	What is Drug Proving? Discuss in Detail.	15
Q - 2	What is Posology? Discuss in Detail Minimum Dose.	15
OR		
Q - 2	What is Mother Tincture? Discuss in Detail Class I To Class IV	15
Q - 3	Write Short Notes Any Three 1. Succussion 2. Liniment 3. Three Fold Action 4. Prescription Writing 5. Ointment	15
Q - 4	Write Answer 1. Sources Of Alcohol 2. Sources Of Tablets 3. Sources Of Cones 4. Sources Of Sugar Of Milk 5. Define filtration	05

