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1810E001

Candidate's Seat No : _____

First B.H.M.S. Examination
Human Anatomy
Paper-I

Date : 22-10-2018]
Time : 3 Hours]

[Max. Marks : 100

Section-I

- 1) Describe anatomy of Thyroid gland with its clinical anatomy
Or
Describe anatomy of Ear with its applied anatomy
15
- 2) Describe Anatomy of Scalp with its applied aspect.
Or
A) Common Carotid artery-its course and branches 08
B) Jugular vein 07
15
- 3) Write short notes (any three)
a) Axis vertebra
b) Macroscopic features of Tongue
c) Lacrimal apparatus
d) Sinuses of cranial cavity
e) General anatomy of Cartilage.
05
- 4) Write answer in one word or a sentence.
a) Define deciduous Teeth
b) Name the infrahyoid muscle
c) Define Raphe
d) Name the fluid present in the anterior chamber of eyeball
e) What is carotid sinus.

Section-II

- 1) Describe anatomy of Medulla oblongata with its applied anatomy
Or
Describe course of Optic nerve with its applied anatomy
15
- 2) Describe anatomy of cubital fossa with its clinical importance.
Or
A) Flexor retinaculum of Hand 7
B) Wrist Joint 8
15
- 3) Write short notes (any three)
a) Pharyngeal arches
b) Radial nerve

P.T.O.

E001 - 2

- c) Brachial artery
 - d) Corpus callosum
 - e) Olfactory nerve
- 4) Write answer in one word or sentence 05
- a) Name the three layers of Meninges
 - b) Name the condition of trisomy of chromosome no. 21
 - c) The part separating the two cerebellar hemisphere on the inferior aspect is -----
 - d) The primary motor area is in the ----- gyrus.
 - e) Reabsorption of cerebrospinal fluid takes place through the ----- structure.
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First B.H.M.S. Examination
Human Anatomy
Paper-II

Date : 23-10-2018]
Time : 3 Hours]

[Max. Marks : 100

SECTION-I

- | | |
|--|----|
| 1) Describe the four chambers of Heart. | 15 |
| Or | |
| Write in detail anatomy of Lungs | |
| 2) Describe the important anatomical feature of Hip Joint with its applied anatomy | 15 |
| Or | |
| A) Boundaries & contents of Femoral Triangle | 08 |
| B) Longitudinal arches of Foot | 07 |
| 3) Write short notes (any three) | 15 |
| a) Diaphragm | |
| b) Great saphenous vein –course | |
| c) Histology of Spleen | |
| d) Thoracic Duct | |
| e) Calf muscles | 05 |
| 4) Answer in one word or a sentence | |
| a) Name the artery of lower limb which is used in embalming procedure of dead body | |
| b) The tendon of which muscle inserts on anterior aspect of Patella | |
| c) Name the branches of Arch of Aorta. | |
| d) Name the landmark on sternum from where the ribs are counted downwards. | |
| e) Name the muscle which helps in unlocking the Knee Joint. | |

SECTION-II

- | | |
|---|----|
| 1) Describe anatomy of Duodenum with its clinical application | 15 |
| Or | |
| Describe the Anatomy of Uterus with its clinical anatomy | |
| 2) Describe anatomy of Spleen. With its applied aspect | 15 |
| Or | |
| A) Prostate gland -anatomy | 08 |
| B) Caecum | 07 |
| 3) Write short notes (any three) | 15 |
| a) Anatomical features of Anal canal | |
| b) Portal vein | |
| c) Lumbur plexus | |
| d) Stomach Bed | |
| e) Clinical applied anatomy of Liver | |

E004-2

05

- 4) Write answer in one word or asentence
- a) Name the structure in Hilum of Kidney from anterior to Posterior
 - b) What is mesentery?
 - c) Formation of Gall stones is termed as -----
 - d) Name the muscles of Anterior Abdominal wall .
 - e) Name the two veins which joins to form the Portal vein
-

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1018E007

Candidate's Seat No : _____

First B.H.M.S. Examination
Physiology & Bio-chemistry
Paper-I

Date : 24-10-2018]
Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Write new question on separate page.
(2) write each section in separate supplementary.

SECTION I.

Q.1 Describe blood groups in detail along with Rh incompatibility?(15)

OR

Q.1 Describe erythropoiesis in detail along with factor affecting it?(15)

Q.2 describe cardiac cycle in detail? (15)

OR

Q.2. Define blood pressure and explain long term regulation of blood pressure in detail?(15)

Q.3 short notes (any three) (15)

1. mitochondria

2. Haemoglobin

3. apex beat

4. Functions of R.E. System

5. surface tension

Q.4 Write short answers (5)

1. Name pacemaker of heart.

2. Functions of lysosomes

3. Refractory period of C.M.F

4. Name hormones of heart

5. Normal osmolarity of blood

(P.T.O)

007 - 2

SEC-2

Q.1 Describe O₂ transport in detail along with ODC curve? (15)

OR

Q.1 Describe Hypoxia in detail? (15)

Q.2 Describe role of kidney in regulation of PH? (15)

OR

Q.2 Define G.F.R discuss it in detail along with factor affecting it?(15)

Q.3 Short notes (any three) (15)

1. J.G. apparatus

2. Function of skin

3. Dysbarism

4. Intra pleural pressure

5. Body temperature

Q.4 Short answer (5)

1. Function of vasa recta

2. Normal tidal volume of lung

3. Name glands of skin

4. Main component of surfactant

5. Name inspiratory muscles

1810E009
First B.H.M.S. Examination
Physiology & Bio-chemistry Paper-II

Candidate's Seat No : _____

[Max. Marks : 100

Date : 25-10-2018]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicate full marks.
(2) Use separate answer books for each section.

SECTION I

Q.1 Define synapse ,classify them and describe properties of synapse in detail?(15)

OR

Q.1 Describe C.S.F in detail?(15)

Q.2 Describe regulation,composition, functions and mech of secretion of saliva?(15)

OR

Q.2 Describe histology of liver with Bile in detail?(15)

Q.3 Short notes (any three)(15)

1. Hunger contraction
2. Tract of Gall
3. Bile salts
4. Hypermetropia
5. Balanced Diet

Q.4 Short answer(5)

1. Functions of swan cells
2. Define B.M.R
3. Function of Organ of corti
4. Name activator of trypsinogen
5. Name muscle of mastication

SEC 2

Q.1 Describe aldosterone in detail? (15)

OR

Q.1 Describe insulin in detail? (15)

Q.2 Describe Menstrual cycle in detail? (15)

OR

Q.2 Describe testosterone along with structure of sperm in detail? (15)

Q.3 Write short notes (any three) (15)

1. Cushings syndrome
2. Puberty
3. ADH
4. Dwarfism
5. Synthesis of Thyroid hormone

Q.4 Short answer (05)

1. Name hormone responsible for milk ejection from breast
2. Normal blood calcium level
3. Define Acromegaly
4. Name primitive female germ cell
5. Daily secretion of GH

— X —

**First B.H.M.S. Examination
Homoeopathic-Pharmacy**

Date : 26-10-2018]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Write new question on separate page.
(2) Write each section in separate supplementray.

SECTION I

Que.1 Define Homoeopathic Pharmacy. Discuss in detail about sources, properties, uses and preparation
Of Alcohol from molasses. 15 marks

OR

Discuss in detail about rules for collection of vegetable kingdom drug substances.

Que.2 Enumerate Semi- Solid vehicles. Describe in detail about branches of pharmacy. 15 marks

OR

Describe in detail about preparation, administration, advantages and disadvantages of LM scale
Medicines.

Que. 3 Write short notes. (any three) 15 marks

- a) Pharmaconomy
- b) Alkaloids
- c) Glycerine
- d) Pharmacopoeia
- e) Waterbath

Que. 4 Answer the following: 05 marks

- a) Cones are prepared from what?
- b) Meaning of Embrocation?
- c) Drug prepared from sun rays.
- d) Use of animal charcoal ?
- e) What is sublimation ?

P.T.O.

SECTION -2

EOP - 2

Que. 1 Discuss at length: Do's and Don't's of drug proving.

15 marks

OR

Define Posology. Discuss different types of doses at length.

Que. 2 Define Prescription. Discuss in detail about different parts of prescription.

15 marks

OR

Define Mother tincture. Answer in detail about preparation of mother tincture according to Old method from class I to class IV.

Que. 3 Write Short notes (any three)

15 marks

- a) Maceration
- b) Indications of high potency
- c) Drugs and cosmetic act
- d) Fluxion potency
- e) External application

Que. 4 Answer the following:

05 marks

- a) Type of drug substances are used for percolation?
- b) What is magma?
- c) Name 2 medicines prepared from snake venom.
- d) Define drug power.
- e) Mention types of alcohol.