

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF HOMOEOPATHY
BHMS February 2023 Examination

Year: 1

Subject Code: 04101101

Subject Name: Anatomy – 1

Date: 01/02/2023

Times: 2:00 pm to 5:00 pm

Total Marks: 100

Instructions:

1. Attempt all questions from each section
 2. Figures to the right indicate full marks.
 3. Make suitable assumptions wherever necessary.
 4. Write separate sections on separate answer sheets.
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SECTION: A

- Q:1 Describe Scalp With Its Applied Anatomy (15)
OR
- Q:1 Write down Lateral wall of Nose in detail with its A/A.
- Q:2 Describe Anatomy of Thyroid Gland in detail. (15)
OR
- Q:2 (A) Write Notes on Posterior Triangle of neck. (08)
(B) Write Notes on Muscles of Mastication. (07)
- Q:3 **Write Short notes** : (Three out of Five) (15)
[1] Hypoglossal Nerve
[2] External Ear
[3] Branches of External Carotid Artery
[4] Hard Palate
[5] Synapse
- Q:4 **Write Answer** - (05)
[1] Boundaries of Anterior Triangle of Neck.
[2] Origin of Sternocleidomastoid muscle
[3] Name the Parts of Tongue.
[4] Retina is present in which coat of Eyeball?
[5] Example of Ball & Socket variety of Synovial Joint.

(P.T.O.)

SECTION: B

Q:1 Describe 3rd Ventricle in detail.

OR

(15)

Q:1 Describe Spinal Cord in detail.

Q:2 Describe in detail Anatomy of Brachial Plexus with its A/A.

OR

(15)

Q:2 (A) Applied anatomy of Axilla

(08)

(B) Carpal Tunnel with it's A/A.

(07)

Q:3 **Write Short notes : (Three out of Five)**

(15)

[1] Lymphatic drainage of Breast

[2] Snuff Box

[3] Corpus Callosum

[4] Circle of Willis

[5] Development of Embryonic Disc

Q:4 **Write Answer -**

(05)

[1] Write down articular surfaces of Elbow Joint

[2] Name the folds of Duramater.

[3] Name the: 2nd, 4th & 6th Cranial nerves

[4] Name branches of 3rd part of Axillary Artery.

[5] Another name of Arm pit.

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Parul University
FACULTY OF HOMOEOPATHY
BHMS, February –2023 Examination

Year: 1

Subject Code: 04101102

Subject Name: Anatomy – 2

Date: 02/02/2023

Time: 2.00pm to 5.00pm

Total Marks: 100

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION: A

(15)

Q:1 [1] Describe in detail about Mediastinum with its Applied Anatomy.

(15)

OR

Q:1 [1] Describe in detail about the Blood Supply of Heart.

(15)

Q:2 [1] Write down Knee Joint in detail.

(08)

OR

Q:2 [2] Write down Femoral Triangle with Applied anatomy.
[3] Write down anatomy of Muscles of Gluteal Region.

(07)

(15)

Q:3 Write Short notes (Three out of Five)

1. Root of Lung.
2. Azygos Vein.
3. Sciatic Nerve.
4. Dorsalis Pedis Artery.
5. Histology of Trachea.

(05)

Q:4 Write Answer

1. Write any 1 Muscle belong to Muscles of Hamstring.
2. Name any 1 Branch of Femoral Artery.
3. Write any 1 valve of Heart.
4. Write any 1 Muscle of Thoracic Wall.
5. Which Muscle is called as Tailor's Muscle?

SECTION: B

(15)

Q:1 [1] Describe Stomach in details with its Applied Anatomy.

(15)

OR

Q:1 [1] Describe Liver in detail.

(15)

Q:2 [1] Write Down Anatomy of Uterus with Supports of Uterus in detail.

(08)

OR

Q:2 [1] Write Down Anatomy of Prostate Gland.
[2] Write Male Urethra in detail.

(07)

Q:3 Write Short notes (Three out of Five)

1. Rectus Sheath.
2. Appendix.
3. Portal Vein.
4. Ovary.
5. Spleen.

Q:4 Write Answer

(05)

1. Write any 1 Muscle belong to Anterior Abdominal Wall.
2. Name any 1 Branch of Coeliac Trunk.
3. Write any 1 Part of Fallopian Tube.
4. Write any 1 Relation of Body of Pancreas.
5. Write any 1 Content of Inguinal Canal.

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PARUL UNIVERSITY
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BHMS, February –2023 Examination

Year:1

Subject Code: 04101103

Subject Name: Physiology & Biochemistry paper I

Date:03/02/2023

Time: 2:00 pm to 5:00pm

Total Marks: 100

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full.
3. Make suitable assumptions wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION: A

Q-1. Name the different blood groups. How they are determined and describe the hazards of mismatch blood transfusion 15

OR

Q-1 Define blood pressure and describe the regulation of blood pressure 15

Q-2 Define cardiac cycle and describe the different events of cardiac cycle 15

Q-2 Write note on 08

- a) Functions of Reticulo- endothelial system 07
- b) Cardiac output and factors affecting cardiac output 15

Q-3 Write Short notes (3 out of 5)

1. Plasma proteins
2. Functions of platelets
3. Mareys reflex
4. Osmosis.
5. Endoplasmic reticulum 05

Q-4 Write Answer

- a) Name two functions of lymph
- b) Define ESR and write its normal values
- c) Where is apex beat auscultated?
- d) Define filtration
- e) What is lysosome?

SECTION: B

Q-1. Describe the nervous regulation of respiration. 15

OR

Q-1. Describe the structure and function of nephron 15

Q-2 What is a respiratory membrane? Describe the process of exchange of gases 15

OR

Q-2 Write Note on 08

- A) Name the different lung volumes and capacities and how they are measured 07
- B) Describe micturition reflex 15

Q-3 Write Short notes (3 out of 5)

1. Acclimatisation
2. Cyanosis
3. Juxta-glomerular apparatus
4. Functions of skin
5. Rigor mortis 05

Q:4 Write Answer

- a) What is surfactant?
- b) What are the causes of asphyxia?
- c) Define GFR and write its normal value
- d) Name the centre for regulation of body temperature
- e) What is refractory period of skeletal muscle?

PARUL UNIVERSITY
FACULTY OF HOMOEOPATHY
BHMS, Examination February 2023

Year: 1
 Subject Code: 04101104
 Subject Name: Physiology & Biochemistry - Paper II

Date: 06-02-2023
 Time: 02.00 pm to 5.00 pm
 Total Marks: 100

Instructions:

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B on separate answer sheets.
5. Draw diagrams wherever necessary.

SECTION - 1

Q:1 Write down the descending tracts of spinal cord. Describe in detail the pyramidal tracts. (15)
 Write a note on the effects of upper motor neuron lesions. (15)

Or

Q:1 Describe Composition Function & Mechanism of secretion of pancreatic Juice. (15)

Q:2 Describe situation, origin, course, termination, function & lesion effect of Fasciculus Gracilis & Fasciculus Cuneatus (15)

Or

Q:2 a) Describe digestion and absorption of protein. (8)
 b) Explain the Metabolism of fat in detail. (7)

Q:3 Short Notes (3 out of 5) (15)
 1. Movement Of Stomach
 2. Defecation
 3. Function of hypothalamus
 4. Reflex Arch
 5. Visual Pathway

Q:4 Write Answers
 a. Define Neuroglia.
 b. Normal Value Of Nerve Resting Membrane Potential
 c. Normal Quantity Of gastric juice secrete per day
 d. Saliva contain which type of enzymes
 e. Give the name of 3 taste buds.

SECTION - 2

Q:1 Describe hormonal control on growth & development of mammary glands & secretion of milk. (15)

Or

Q:1 Describe in detail menstrual cycle with ovarian and uterine changes. (15)

Q:2 Classified The Hormones Secreted By Adrenal Cortex. Explain the Action & Regulation of Mineralocorticoid in detail. (15)

Or

Q:2 a) Describe role of placenta during pregnancy. (8)
 b) Explain in detail about spermetogenesis. (7)

(15)

Q:3 Short Notes (3 out of 5)

1. ADH
2. Function of estrogen
3. Vitamin - A
4. BMR
5. Glycogenolysis

(5)

Q:4 Write Answers

- a. Normal value of Serum Calcium in blood.
- b. Define Hormone
- c. Deficiency of vitamin C produce which disease.
- d. Define Enzyme
- e. Normal value of blood Sugar Level.

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PARUL UNIVERSITY
FACULTY OF HOMOEOPATHY
BHMS February - 2023 Examination

Year: 1
Subject Code: 04101105
Subject Name: Homoeopathic Pharmacy

Date: 07-02-2023
Time: 02.00 pm to 05.00 pm
Total Marks: 100

Instructions:

Figures to the right indicate full marks.

Write section-A, section-B on separate answer sheets.

Section: A

Que. 1 Define vehicle. Discuss at length – properties and uses of an Ideal vehicle. Explain in detail about preparation of Alcohol from starchy substances. (15)

OR

Que. 1 Define Homoeopathic pharmacy. Discuss pharmacopoeias of different countries in detail. (15)

Que. 2 Answer at length- sources, properties, uses and impurities detection of Sugar of milk. (15)

OR

Que. 2 Write short notes:

- A) Rules for collection of vegetable kingdom substances (8)
- B) Alkaloids (7)

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

- a) Drugs and cosmetic act
- b) Imponderabilia
- c) Drug – medicine – remedy
- d) Decimal scale
- e) Ointment

Que. 4 Write answer: (5)

Name the medicine prepared from saliva of rabid dog.

- 1) Define potentisation
- 2) Give one example of medicine prepared from fish.
- 3) What is stapf's process?
- 4) What is pharmaconomy?

Section : B

Que. 1 Discuss in detail – Relationship of Homoeopathic pharmacy with Hom. Materia medica. **(15)**

OR

Que. 1 Discuss at length: Dos and Don'ts of Drug Proving. **(15)**

Que. 2 Answer in detail – how to prepare 1st L.M. potency ? **(15)**

OR

Que. 2 write short notes on:

A) Prescription **(8)**

B) Indications of low susceptibility. **(7)**

Que. 3 write short notes (any three) **(15)**

Ideal prover

1) Pharmacology

2) External application

3) Fluxion potency

4) Mother tincture

Que. 4 write answer: **(5)**

1) What is Magma ?

2) What is the meaning of B.I.D. in prescription ?

3) What is embrocation ?

4) What is percolation ?

5) What is fatal dose ?