

First B.H.M.S. (CBDC) (2022) Examination, (Phase - II)

Summer - 2024

HUMAN ANATOMY - I

Total Duration : Section A + B = 3 Hours

Section B Marks : 90

SECTION - B

- Instructions :**
- 1) Use black ball point pen only.
 - 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) All questions are compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover the entire syllabus within the stipulated frame. The Question paper pattern is mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all sections.

2. Short Answer Questions: (All Questions Compulsory) [8×5=40]

- a) Structure of Neuron
- b) Carotid Tringle
- c) Scalp
- d) CSF
- e) Classification of Joints
- f) Axillary Nerve
- g) Oogenesis
- h) Placenta

3. Long Answer Questions: (All Questions Compulsory) [5×10=50]

- a) Describe anatomy of Brachial Plexus with its
 - i) Root value [1]
 - ii) Formation [3]
 - iii) Branches [3]
 - iv) Applied anatomy [3]

- b) Describe Parotid Gland Under following heads
- i) External features [3]
 - ii) Relations [2]
 - iii) Structures inside the parotid gland [2]
 - iv) Blood supply [2]
 - v) Applied anatomy [1]
- c) Describe Middle Ear with its
- i) External Features [2]
 - ii) Boundaries [3]
 - iii) Contents [2]
 - iv) Blood supply [2]
 - v) Applied anatomy [1]
- d) Write Cerebellum with its
- i) External features [2]
 - ii) Parts [2]
 - iii) Nuclei [1]
 - iv) Blood supply, [1]
 - v) Functions [2]
 - vi) Applied anatomy [2]
- e) Write Elbow Joint Under Following Headings
- i) Type [1]
 - ii) Articular surfaces [2]
 - iii) Ligaments [2]
 - iv) Blood supply [1]
 - v) Movements [2]
 - vi) Applied anatomy [2]

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First B.H.M.S. (CBDC) (2022) Examination, (Phase - II)

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HUMAN ANATOMY - II

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Section B Marks : 90

SECTION - B

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2. Short Answer Questions: (All questions compulsory) [8×5=40]

- a) Anatomy of ischiorectal fossa with applied importance.
- b) Location, external features, blood supply of Prostate gland.
- c) Describe anatomy of external features of pancreas.
- d) Microscopic structure of Thyroid Gland.
- e) Origin, Insertion, Actions and Nerve Supply of Sartorius Muscle.
- f) Origin, extent, course, branches and clinical anatomy of Dorsalis Pedis Artery.
- g) Definition, boundaries and contents of Femoral triangle.
- h) Describe the anatomy of thoracic duct with applied importance.

3. Long Answer Questions. (All questions compulsory) [5×10=50]

- a) Describe anatomical features of Right Lung under following headings.
 - i) External features [3]
 - ii) Features of Hilum [4]
 - iii) Blood and Nerve supply [2]
 - iv) Clinical Anatomy [1]
- b) Describe anatomical features of Liver under following headings.
 - i) Location and dimensions [2]
 - ii) External features [3]
 - iii) Ligaments [3]
 - iv) Blood supply [2]
- c) Describe Anatomy of Uterus under following headings.
 - i) Parts and their external features [4]
 - ii) Its Support [4]
 - iii) Blood supply [1]
 - iv) Clinical anatomy [1]
- d) Describe the anatomy of Ankle Joint under following headings.
 - i) Type and sub type [1]
 - ii) Articular surfaces [2]
 - iii) Ligaments [4]
 - iv) Movements possible [2]
 - v) Nerve supply [1]
- e) Describe anatomical features of Mediastinum under following headings
 - i) Definition, boundaries and subdivisions [4]
 - ii) Boundaries and contents of Superior Mediastinum [5]
 - iii) Clinical anatomy [1]

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HUMAN PHYSIOLOGY INCLUDING BIOCHEMISTRY - I

Total Duration : Section A + B = 3 Hours

Section B Marks : 90

SECTION - B

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2. Short Answer Questions. (All Questions Compulsory) [8×5=40]

- a) S.A. Node.
- b) Dead space in respiratory tract.
- c) Role of skin in regulation of body temperature.
- d) Classification of Neuron: *Nephron*
- e) Functions of renal nephron.
- f) Homoeostasis.
- g) Diffusion.
- h) Classification of WBCs.

3. Long Answer Questions. (All Questions Compulsory)

- a) Define cardiac cycle and describe various events in ventricular cycle.
- b) Describe the micturition reflex.
- c) Describe different lung volumes and lung capacities.
- d) Enlist different systems of blood grouping and discuss ABO system of blood grouping.
- e) Write composition and functions of lymph.



First B.H.M.S. (CBDC) (2022) Examination, (Phase - II)

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HUMAN PHYSIOLOGY INCLUDING BIOCHEMISTRY - II

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Section B Marks : 90

SECTION - B

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2. Short Answer Questions: (All Questions Compulsory)

[8×5=40]

- a) Synapse
- b) Functions of Basal Ganglia
- c) Graves' disease
- d) Errors of Refraction
- e) Scurvy
- f) Functions of Vasopressin (ADH)
- g) Functions of Saliva
- h) Placenta

3. Long Answer Questions: (All Questions Compulsory)

[5×10=50]

- a) Describe in detail about Pyramidal tracts of spinal cord.
- b) Write in detail about Ovarian changes during Menstrual Cycle.
- c) Write in detail about Sensation of Smell.
- d) Write in detail about properties, Composition & Functions of Gastric Juice.
- e) Describe in detail about functions of Thyroid Hormones.

First B.H.M.S. (CBDC) (2022) Examination, (Phase - II)
Summer - 2024
HOMOEOPATHIC PHARMACY

Total Duration : Section A + B = 3 Hours

Section B Marks : 90

SECTION - B

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 - 7) **Use a common answerbook for all sections.**

2. Short Answer Questions (All Questions Compulsory) [8×5=40]

- a) Monographs
- b) Placebo, its forms and utility
- c) Prerequisites of drug proving
- d) Industrial Pharmacy
- e) Define Pharmacy & its branches
- f) Class V
- g) Imponderabilia
- h) Sugar of milk

3. Long Answer Questions: (All Questions Compulsory) [5×10=50]

- a) What is potency & describe different scales in Homoeopathic Pharmacy.
- b) The Drugs and Cosmetic Act & Rules
- c) Define Vehicle & [1]
 - i) Classification of vehicle with example [3]
 - ii) Write in detail preparation of sugar of milk [3]
 - iii) Physical & chemical properties of sugar of milk [3]
- d) Source of drugs in Hom. Pharmacy & write in detail
 - i) Plant kingdom
 - ii) Animal kingdom
 - iii) With suitable example
- e) Define Prescription Writing
 - i) Parts & Contents of Prescription writing
 - ii) Merits & Demerits of Prescription writing
 - iii) Example & mention any five abbreviations

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First B.H.M.S. (CBDC) (2022) Examination, (Phase - II)

Summer - 2024

**ORGANON OF MEDICINE & HOMOEOPATHIC PHILOSOPHY &
FUNDAMENTALS OF PSYCHOLOGY**

Total Duration : Section A + B = 3 Hours

Section B Marks : 90

SECTION - B

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 - 7) *Use a common answerbook for all sections.*

2. Short Answer Questions: (All Questions Compulsory) [8×5=40]

- a) Explain Hahnemannian concept of health, disease, and cure.
- b) Define logic and its applications in homoeopathy.
- c) Classify the divisions of the mind into conscious and unconscious mind.
- d) Define motivation and describe types of motivation.
- e) Define personality and describe the factors determining the personality.
- f) Define Psychology and explain its importance in homoeopathy.
- g) Explain physician is a preserver of health.
- h) Define psychology and describe different schools of psychology.

3. Long Answer Questions: (All Questions Compulsory)

[5×10=50]

- a) Define emotion and explain different parts of brain which are the set of emotion.
- b) Define growth and development and explain influence of hereditary and environmental factors on human development.
- c) Describe Natures law of cure with examples and explain how homoeopathic cure takes place.
- d) Explain requisite knowledge of physician.
- e) Explain true practitioner of healing art.



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HOMOEOPATHIC MATERIA MEDICA

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2. Short Answer Questions: (All Questions Compulsory) [8×5=40]

- a) Define Drug and Remedy. Enumerate sources of Homoeopathic drugs with examples.
- b) Describe Respiratory symptoms of Ammonium Carb. with Modalities.
- c) Describe Fer, phos and Calc phos in Anaemia.
- d) Write Biochemic indications of Silicea.
- e) Describe Mental symptoms and Ailments from of Natrum Mur.
- f) Describe constitution and keynotes of Calcarea Carb.
- g) Describe G.I.T. symptoms of Carbo veg.
- h) Write a short note on Homoeopathic Materia Medica Pura.

3. Long Answer Questions: (All Questions Compulsory)**[5×10=50]**

- a) Describe G.I.T. symptoms and Respiratory symptoms of Ipecac with Modalities.
- b) Define Homoeopathic Materia Medica. Write construction of HMM with 3 examples.
- c) Write about theory of Biochemic system of medicines. Define Health, Disease and Cure by Biochemic system of medicine.
- d) Compare and contrast between Rheumatism of Bryonia Alba and Rhus tox.
- e) Describe Pulsatilla as a lady.

