

**First BHMS (2015) (New) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019**

ANATOMY - I

(BHMS - 2015 Syllabus is applicable to BHMS (New) Students)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :*
- 1) Use **blue/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 entire syllabus within the stipulated frame. The Question paper pattern is a 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.

1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) Name the muscles attached on supraglenoid and infraglenoid tubercle of Scapula.
 - b) Write origin and insertion of Brachioradialis muscle.
 - c) Name any two branches of Brachial artery.
 - d) Name the nerve supply of Brachialis muscle.
 - e) Name the contents of upper triangular space of scapular region.
 - f) What are the actions of Flexor digitorum profundus.
 - g) Name the muscles responsible for adduction of wrist joint.
 - h) Name two muscles supplied by Ulnar nerve.
 - i) Name two contents of Anatomical snuff box.
 - j) Name two deep flexor muscles of forearm.
 - k) Name any two branches of Facial artery.
 - l) Name the cartilages of Larynx.
 - m) Name the extraocular muscles of eyeball.
 - n) Name the muscles of Mastication.
 - o) Name any two branches of Internal Carotid Artery.

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ANATOMY - II

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Total Marks : 100

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 - 3) **All questions are compulsory.**
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- i. Write short answer (**any ten** out of fifteen): **[10 × 2 = 20]**
- a) - Name any 2 structures located in the Right Iliac Fossa.
 - b) Name any 2 Ventral branches of Abdominal Aorta.
 - c) Write any 2 differences between Small Intestine and Large Intestine.
 - d) Write the coverings of Testis.
 - e) Name any 2 muscles forming Anterior wall of Abdomen.
 - f) Name the muscles which inserted into the Iliotibial Tract.
 - g) Name any 2 muscles present in Second Layer of Sole of Foot.
 - h) Name the Muscles forming the Femoral Canal. △
 - i) Name any 2 nerves present undercover of Gluteus Maximus.
 - j) Name the muscles forming Tendo calcaneus.
 - k) Name the Semilunar Valves.
 - l) Name the different parts of Pleura.
 - m) Which ribs are called as Atypical Ribs?
 - n) Name the chambers forming the Base of Heart.
 - o) Write any 2 Important structure present at the Sternal Angle.

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2. Write short answer (**any four** out of six) : [4 × 5 = 20]
- a) Right Ventricle.
 - b) Right Coronary Artery.
 - c) Azygos vein.
 - d) Superior venacava.
 - e) Large Openings of the Diaphragm.
 - f) Superior Mediastinum.
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- a) Adductor Canal.
 - b) Ligaments of Knee Joint.
 - c) Tendocalcaneus.
 - d) Histology of Liver.
 - e) Histology of Stomach.
 - f) Histology of Testis.
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- a) Describe the Femoral Triangle in detail.
 - b) Describe the Anatomy of Long Saphenous Vein.
 - c) Describe the Anatomy of Hip Joint in detail.
 - d) Describe the Anatomy of Posterior Tibial Artery in detail.
- Long answer question (any one from Q. No. 5, 6 and 7)**
5. Describe the Anatomy of Pancreas in detail. [1 × 20 = 20]
6. Describe the Anatomy of Liver in detail. [1 × 20 = 20]
7. Describe the Anatomy of Urinary bladder in detail. [1 × 20 = 20]



**First BHMS (2015) (New) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019**

PHYSIOLOGY INCLUDING BIOCHEMISTRY - I

(BHMS - 2015 Syllabus is Applicable to BHMS (New) Students)

Total Duration : 3 Hours

Total Marks : 100

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1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) Define Blood.
 - b) Write the methods of estimation of ESR with normal values.
 - c) Name any four factors affecting blood volume.
 - d) Write the importance of 'P' wave of ECG.
 - e) Name the valves of heart.
 - f) What are the functions of SA node?
 - g) Classify hypoxia based on its causes.
 - h) Define respiration and name respiratory muscles.
 - i) Define GFR and write normal value of GFR.
 - j) What are types of nephron?
 - k) What is hypothermia?
 - l) What is the function of sebaceous glands?
 - m) What are layers of epidermis?
 - n) Define osmosis.
 - o) What is active transport?

2. Write short answer (any four out of six) : [4 × 5 = 20]
- Hemoglobin
 - Plasma proteins
 - Radial pulse
 - Factors affecting cardiac output
 - Functions of spleen
 - Types and functions of RE cells.
3. Write short answer (any four out of six): [4 × 5 = 20]
- Juxtaglomerular apparatus
 - Renal circulation
 - Sarcomere
 - Asphyxia
 - Lung compliance
 - Sweat gland
4. Long answer question (any two out of four): [2 × 10 = 20]
- What is Rh factor and Rh incompatibility?
 - Describe the properties of cardiac muscle.
 - Describe O₂-Hb dissociation curve.
 - What is normal body temperature? How is it measured? Describe factors affecting body temperature.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Define erythropoiesis. Describe the different stages and its regulation in detail. [1 × 20 = 20]
6. What is spirometry? Describe different lung volumes and capacities. [1 × 20 = 20]
7. Describe the mechanism of formation of urine. [1 × 20 = 20]

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First BHMS (2015) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019
PHYSIOLOGY INCLUDING BIOCHEMISTRY - II
(BHMS - 2015 syllabus applicable to BHMS (New) students)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
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 - 3) **All questions are compulsory.**
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 - 5) Draw diagrams **wherever** necessary.
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1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) Name the hormone secreted by pancreas
 - b) Define vomiting
 - c) What is function of testis
 - d) Name the hormones of ovary
 - e) Name the fat soluble vitamins
 - f) Enumerate the digestive juices
 - g) Name different salivary glands
 - h) Name different types of papillae
 - i) Enumerate the mixed endocrine glands
 - j) Define vitamins
 - k) What is function of FSH
 - l) What is function LH.
 - m) Which vitamin is called Anti-haemorrhagic vitamin
 - n) What is Menarchae.
 - o) What is scurvy

2. Write short answer (**any four** out of six) : [4 × 5 = 20]
- Functions of Bile
 - Dwarfism
 - Functions of Stomach
 - Tetany
 - Biological value of proteins
 - Function of Carbohydrates
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- Rickets
 - Beri-Beri
 - Functions of Ovary
 - Functions of Testosterone
 - Krebs Cycle
 - Obesity
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- Enumerate hormones secreted by anterior pituitary and add a note on growth hormone
 - Write composition functions and mechanism of Gastric Juice
 - Define and describe Spermatogenesis.
 - Define and Describe Neurone.
- Long answer question (any one from Q. No. 5, 6 and 7)**
5. Describe regulation of blood sugar level in details. [1 × 20 = 20]
6. Write Composition Functions and Mechanism of secretions of Salivary Juice. [1 × 20 = 20]
7. Name the Special Senses and Describe the pathway of Taste impulses with applied. [1 × 20 = 20]

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**First B.H.M.S. (2015) (New) Examination, Summer (Phase - II) 2019
HOMOEOPATHIC PHARMACY**

(BHMS-2015 Syllabus is applicable to BHMS (New) students)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 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 entire syllabus within the stipulated frame. The Question paper pattern is a 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.

1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) Define Homoeopathic Pharmacy.
 - b) Homoeopathic Pharmacopoeia of USA was published in which year & by whom?
 - c) Mention the branches of Homoeopathic pharmacy.
 - d) Medicines prepared from whole plants. Give four examples.
 - e) Sarcodes prepared from healthy animal tissue. Give four examples.
 - f) How will you collect whole plant?
 - g) Define Standardization.
 - h) In which aphorism the Drug proving is given? *195-195*
 - i) Mention the specific gravity of glycerine. *1.26*
 - j) Define mother tincture.
 - k) Write full forms & meanings of Q.I.D & O.M.
 - l) Mention the methods of potentisation.
 - m) How to clean glass instruments?
 - n) How Lachesis & Hepar Sulph are preserved?
 - o) Dispensing of L.M. Potency.

2. Write short answer (**any four** out of six). [4 × 5 = 20]
- Imponderabilia
 - Collection of drug from animal sources.
 - How will you preserve potentised medicines & mother tinctures.
 - Describe Doctrine of Signature with two examples.
 - Describe the water bath & dessicator with its types.
 - Cleansing of mortar & pestle.
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- Define Vehicle & Describe globules.
 - Define & describe 50 millesimal scale.
 - Preparations of liniment & lotion.
 - Define Pharmacopoeia & write down the German Homoeopathic Pharmacopoeia.
 - Placebo
 - Inprocess of quality control.
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- Define & describe Prescription writing in detail.
 - Speciality & originality of Homoeopathic pharmacy.
 - Scope of Homoeopathic Pharmacy in relation with Organon of Medicine.
 - Write scope & limitation of external application in Homoeopathy.

Long answer question (any one from Q. No. 5, 6 and 7):

5. Write in detail about preparation, properties, Uses & Impurities of Sugar of Milk. [1 × 20 = 20]
6. Define Drug Proving. Write in details about Quality of ideal prover, Single blind method, Double blind method & Instructions to the prover. [1 × 20 = 20]
7. Define Posology. Describe Homoeopathic Posology, Lower potency, Higher potency & What are the factors responsible for selection of potency. [1 × 20 = 20]

