



First BHMS (2015) (New) Examination Winter - 2020

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.
 - 7) Use a common answer book for all Sections.

1. Write short answer (any ten out of fifteen):

[10 × 2 = 20]

- a) Mention the origin of Biceps Brachi muscle.
- b) Mention the branches of second part of Axillary artery.
- c) Mention two contents of Anatomical Snuff box.
- d) Mention two muscles attached to Intertubercular sulcus of Humerus.
- e) Mention two Adductors of Wrist Joint.
- f) Mention the Nerve supplying Deltoid Muscle.
- g) Mention the Muscle supplied by Radial nerve in arm.
- h) Define Anatomical and Surgical Neck of Humerus
- i) Write any four structures passing through Carpel Tunnel.
- j) Mention two branches of Posterior cord of brachial plexus.
- k) Mention the parts of Pharynx.
- l) Mention four contents of Carotid Triangle of Neck.
- m) Mention any four Extraocular muscle.
- n) Mention four layers of Scalp.
- o) Mention the parts of Corpus Callosum.

2. Write short answer (any four out of six):

- a) Superolateral Surface of Cerebrum.
- b) Circle of Willis.
- c) Third ventricle.
- d) Spinal cord.
- e) Spermatogenesis.
- f) Bone Classification

3. Write short answer (any four out of six):

[4 × 5 =

- a) Trapezius Muscle.
- b) Axillary Nerve.
- c) Profunda brachia artery.
- d) Ligaments of Shoulder joint.
- e) Cubital fossa.
- f) Pulp Space of Fingers

4. Long answer question (any two out of four):

[2 × 10 =

- a) Describe anatomy of larynx in detail.
- b) Describe in detail posterior triangle of neck.
- c) Describe in detail anatomy of Parotid Gland.
- d) Describe in detail anatomy of tongue.

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

5. Describe in detail anatomy of wrist joint [1 × 20
6. Describe in detail anatomy of brachial artery. [1 × 20
7. Describe in detail anatomy of radial nerve. [1 × 20



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ANATOMY - II

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- 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.
 - 7) Use a common answer book for all Sections.



1. Write short answer (any ten out of fifteen): [10 × 2 = 20]
- a) Name two constituents of Spermatic cord.
 - b) Name the coverings of Testes.
 - c) Name the arteries supplying Liver.
 - d) Write two ligaments of Spleen.
 - e) Name two structures passing through Aortic opening of Diaphragm.
 - f) Write names of any four tarsal bones.
 - g) Name two muscle forming floor of Femoral Triangle.
 - h) Name the bones taking part in formation of Knee joint.
 - i) Write names of Hamstring muscles.
 - j) Name any two contents of Adductor canal.
 - k) Mention two contents of Intercostal space.
 - l) Define Broncopulmonary segments.
 - m) Name two contents of Posterior Mediastinum.
 - n) Write names of Valves of Heart.
 - o) Name arteries supplying to Lungs

2. Write short answer (any four out of six):

[4 × 5 = 20]

- a) Root of Lung.
- b) Pleura.
- c) Superior Mediastinum.
- d) Coronary arteries.
- e) Right Atrium.
- f) Azygous Vein.

3. Write short answer (any four out of six):

[4 × 5 = 20]

- a) Femoral Nerve.
- b) Iliotibial tract.
- c) Soleus Muscle.
- d) Histology of Liver.
- e) Histology of Testis.
- f) Histology of Thyroid.

4. Long answer question (any two out of four):

[2 × 10 = 20]

- a) Popliteal Fossa
- b) Arches of Foot
- c) Obturator Nerve
- d) Ankle joint

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

5. Describe in detail anatomy of Stomach.

[1 × 20 = 20]

6. Describe in detail anatomy of Pancreas.

[1 × 20 = 20]

7. Describe in detail anatomy of Uterus.

[1 × 20 = 20]



First BHMS (2015) (New) Examination Winter - 2020

PHYSIOLOGY INCLUDING BIOCHEMISTRY-I

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

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
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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.
 - 7) Use a common answer book for all Sections.



1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) What are sites of erythropoiesis?
 - b) What are types of hemoglobin?
 - c) What are reticulocytes? Write normal count of reticulocytes.
 - d) Enumerate any four properties of cardiac muscle.
 - e) Define tachycardia and bradycardia.
 - f) Define ECG.
 - g) What is dead space?
 - h) What is hypoxia?
 - i) Enumerate four functions of kidney.
 - j) Write normal constituents of urine.
 - k) What is normal shell and core temperature?
 - l) Name the glands of the skin.
 - m) What are accessory structures of skin?
 - n) Define osmosis.
 - o) What is co-transport?

2. Write short answer (any four):
- Composition of blood
 - Rh factor
 - Conduction system of heart
 - Heart sounds.
 - RE system
 - Functions of spleen.

3. Write short answer (any four out of six):

[4 × 5 = 20]

- Nephron
- Glomerular filtration rate
- Smooth muscle
- Artificial respiration
- Lung compliance
- Structure of skin

4. Long answer question (any two out of four):

[2 × 10 = 20]

- Describe structure and functions of platelets. What is purpura?
- What is cardiac output? What are factors affecting cardiac output?
- Describe oxygen-hemoglobin dissociation curve with a proper diagram.
- Explain factors of heat gain and heat loss from body.

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

- Discuss different types of WBCs and their functions in detail. [1 × 20 = 20]
- What is spirometry? Describe the pulmonary volumes and capacities with the help of a proper diagram. [1 × 20 = 20]
- Discuss the mechanism of micturition. Add a note on applied physiology of micturition. [1 × 20 = 20]

First B.H.M.S. (New) (2015) Examination Winter - 2020

PHYSIOLOGY INCLUDING BIOCHEMISTRY-II**(BHMS-2015 Syllabus is Applicable to BHMS (New) Students)**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
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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.**
 - 7) **Use a common answer book for all sections.**

1. Write short answer (**any ten** out of fifteen):**[10 × 2 = 20]**

- a) What is hormone?
- b) What is Gigantism?
- c) Describe two functions of ADH.
- d) What is absorption?
- e) Name the bile salt.
- f) Name two GIT hormones.
- g) What is Puberty?
- h) What is fertilization.
- I) Life span of male Gamet.
- j) What is Vitamin?
- k) What is scurvy?
- l) Sources of Vitamin B6.
- m) Daily requirement and sources of Vitamin D.
- n) Name the hormone secreted from ovary.
- o) What is Rickets.

2. Write short answer (any four out of six):

- a) Hyperthyroidism.
- b) Diabetes mellitus.
- c) Regulation of secretion of pancreatic juice.
- d) Glycogenesis.
- e) Functions of amino acids.
- f) Digestion of proteins.

3. Write short answer (any four out of six):

[4 × 5 = 20]

- a) Characteristics of vitamin.
- b) Describe night blindness.
- c) Ovarian cycle. placenta
- d) Structure of Testies.
- e) What is balance diet and describe it
- f) Advantages of Cooking.

4. Long answer question (any two out of four):

[2 × 10 = 20]

- a) Describe hormones secreted by adrenal cortex and their functions.
- b) Functions and regulations of gastric juice.
- c) Define menstruation and explain ovarian cycle.
- d) Define and explain synapse.

Long answer question (any one from Q. No. 5, 6 and 7) [1 × 20 = 20]

5. Describe structure and function of posterior pituitary gland.
6. Describe composition and functions of pancreatic juice.
7. Describe mechanism of hearing.



First B.H.M.S. (2015) (New) Examination Winter - 2020
HOMOEOPATHIC PHARMACY
(BHMS-2015 Syllabus is Applicable to BHMS (New) Students)

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Total Marks : 100

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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.
 - 7) Use a common answer book for all sections.



1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) Define Homoeopathic Pharmacopoeia?
 - b) What are the branches of Homoeopathic Pharmacy?
 - c) Define Homoeopathic Pharmacy?
 - d) Give four example of synthetic sources.
 - e) Give four examples of drugs prepared from roots.
 - f) Mention four medicines which are prepared from Milk.
 - g) Who is best prover and why?
 - h) Mention impurities of Alcohol.
 - i) What is spagyric pharmacy?
 - j) Define homoeopathic potentisation?
 - k) What do you mean by 1)S.O.S, 2)T.I.D, 3)O.D, 4)C.M in pharmacy.
 - l) Write the Drug strength of class I,III,V-A & VI-B.
 - m) Cleansing of Iron/Steel Mortar and pestle.
 - n) How will you preserve Fluoric acid and phosphorus mother tincture.
 - o) Liquid potencies are dispenced by?

2. Write short answer (**any four** out of six):

- a) Vegetable Sources.
- b) How to collect of snake venoms for homeopathic preparation?
- c) Desicator.
- d) Doctorine of signature.
- e) How will you preserve Lachesis, Acid mur, Acid nit, Hepar sulph, Ferrum met. according to H.P.I.
- f) Preservation of mother tincture.

3. Write short answer (**any four** out of six):

[4 × 5 = 20]

- a) Describe German Homoeopathic Pharmacopoeia.
- b) Define vehicle? write properties and uses of vehicle.
- c) Define potency? Explain fluxion potency.
- d) Properties and uses of Glycerin.
- e) Aim and objective of quality control, give factors for quality control.
- f) Placebo.

4. Long answer question (**any two** out of four):

[2 × 10 = 20]

- a) Write in details about specialty and originalities of *Homoeopathic* pharmacy.
- b) Write components of external applications and describe preparation and uses of lotion.
- c) Define prescription writing; write about different parts of prescription writing.
- d) Explain distillation in detail.

Long answer question (any one from Q. No. 5, 6 and 7) [1 × 20 = 20]

5. What are the sources of drugs. Describe in details each sources with two examples.
6. What is drug proving? Write in details how proving is performed.
7. Define Posology. Describe selection of potency and advantages of minimum dose.

