

First B.H.M.S. (New)/(2015) Examination, Summer - 2023 (Phase - III)
ANATOMY - II
(BHMS - 2015 Syllabus is Applicable to BHMS (New) Students)

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

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 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.

2) Short Answer Questions (Solve any 4 Out of 6) : **[4 × 5 = 20]**

- a) Histology of Hyaline cartilage.
- ✓ b) Histology of kidney.
- c) Tendo achilles.
- ✓ d) Dorsalis pedis artery.
- ✓ e) Femoral artery.
- f) Adductor canal

3) Short Answer Questions (Solve any 4 Out of 6) : **[4 × 5 = 20]**

- a) Superior vena cava.
- ✓ b) Pleura.
- c) Trachea.
- ✓ d) Interior of right atrium.
- e) Medial surface of left lung.
- ✓ f) Superior mediastinum.

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4) Long Answer Questions (Solve any 2 Out of 4) : $[2 \times 10 = 20]$

a) Great saphanous vein.

OR

b) Hip joint.

c) Male urethra.

OR

d) Inferior surface of liver.

Long Answer Question (Any one from Q.No. 5, 6 and 7) : $[1 \times 20 = 20]$

5) Describe in detail pancreas.

6) Describe in detail stomach.

7) Describe in detail urinary bladder.

x x x

First B.H.M.S. (New)/(2015) Examination, Summer - 2023 (Phase - III)
ANATOMY - I

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

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 3) **All** questions are **compulsory**.
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 - 5) Draw diagrams **wherever** necessary.
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 - 7) Use a common answer book for all sections.

2) Short Answer Question (Solve any 4 out of 6) :

[4 × 5 = 20]

- a) Oogenesis
- b) Classification of Connective tissue
- c) Profunda Brachii Artery
- d) Musculocutaneous Nerve
- e) Deltoid
- f) Flexor Retinaculum

3) Short Answer Question (Solve any 4 out of 6) :

[4 × 5 = 20]

- a) T. S. of Spinal cord
- b) Meninges
- c) Floor of 4th Ventricle
- d) Facial nerve
- e) Medulla Oblongata
- f) Circle of Willis

P.T.O.

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- 4) **Long Answer Question (Solve any 2 out of 4) :** **[2 × 10 = 20]**
a) Describe Anatomy of Thyroid gland.

OR

- b) Describe in detail Posterior triangle of Neck.
c) Describe the Anatomy of Scalp.

OR

- d) Describe in detail External Carotid Artery.

Long Answer Questions (any one from Q.No. 5, 6 abd 7) : [1 × 20 = 20]

- 5) Describe in detail Anatomy of Wrist Joint.
6) Describe in detail Anatomy of Median Nerve with its Applied anatomy.
7) Describe in detail Anatomy of Brachial Artery.



Total Duration : Section A+B= 3 Hours

Section B Marks : 80

SECTION- "B"

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 - 7) Use a common answer book for section B.

Q2) Short answer questions (Solve any 4 out of 6) :

[4 × 5 = 20]

- a) Haemoglobin dissociation curve.
- b) Periodic breathing.
- c) Skin structure.
- d) Neuro muscular junction.
- e) Normal urine composition.
- f) Kidney functions.

Q3) Short answer questions (Solve any 4 out of 6) :

[4 × 5 = 20]

- ✓ a) Anaemia.
- ✓ b) Plasma proteins.
- c) Nerves of heart.
- ✓ d) Heart block.
- ✓ e) Reticulo endothelial system.

Q4) Long answer questions (Solve any 2 out of 4) :

[2x10=20]

- a) Define hypoxia. Discuss the different types of Hypoxia in detail

OR

- b) What is normal body temperature? Describe the factors involved in body temperature regulation.

- c) Define cardiac output. Discuss factors affecting cardiac output in details.

OR

- d) Describe the composition and functions of blood in detail.

Long answer questions (Any one from Q.No.5,6 and 7)

[1x20=20]

Q5) Enumerate the different types of Leucocytes. Discuss their morphology and functions in details.

Q6) Discuss nervous and chemical regulation of Respiration in details.

Q7) Discuss Micturition Reflex in detail.



First B.H.M.S. (New)/(2015) Examination, Summer - 2023 (Phase - III)
PHYSIOLOGY INCLUDING BIOCHEMISTRY - II
(BHMS - 2015 Syllabus is applicable to BHMS (New) Students)

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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2) Short Answer Questions (Solve any 4 Out of 6) :

[4 × 5 = 20]

- ✓ a) BMR.
- b) Receptors.
- c) Action Potential.
- d) Spermatogenesis.
- ✓ e) Scurvy.
- ✓ f) Fat Soluble Vitamins.

3) Short Answer Questions (Solve any 4 Out of 6) :

[4 × 5 = 20]

- ✓ a) Taste buds.
- ✓ b) Myxedema.
- c) Glycolysis.
- ✓ d) Functions of Bile.
- e) Peristalsis.
- ✓ f) Functions of Insulin.

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4) Long Answer Questions (Solve any 2 Out of 4) : [2 × 10 = 20]

a) Describe the mechanism of hearing and Auditory pathway.

OR

b) Discuss the secretion, functions and regulation of Ovarian Hormones.

c) Describe composition, secretion and functions of Pancreatic Juice.

OR

d) Name the Posterior Pituitary hormones and describe their functions.

Long Answer Questions (Any one from Q.No. 5, 6 and 7) : [1 × 20 = 20]

5) Describe in detail functions, composition and mechanism of secretion of Gastric juice.

6) Define Tract. Classify them and describe in detail the Pyramidal Tract.

7) Describe in detail the hormones of Adrenal gland with functions and control of secretion.



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Q2) Short answer questions (any 4 out of 6) :

[4 × 5 = 20]

- a) Homoeopathic Pharmacopoeia of Indian.
- b) Pharmacodynamics.
- c) Crystallisation.
- d) Doctrine of Signature.
- e) General rules of collection of drugs.
- f) Nosodes.

Q3) Short answer question (any 4 out of 6) :

[4 × 5 = 20]

- a) Pharmacognomy.
- b) Homoeopathic Pharmacopoeia Laboratory, its functions, role in Quality control.

- c) Preservation of mother preparations.
- d) Placebo.
- e) Speciality and Originality of Homoeopathic Pharmacy.
- f) Liniment.

Q4) Long answer question (Solve any 2 out of 4) : **[2 × 10 = 20]**

- a) Write in detail about Relation of Pharmacy with Organon and National economy.

OR

- b) Write in detail about Preparation of LM Scale upto 1st potency.
- c) Define vehicle. Write in detail about preparation and properties of Sugar of milk.

OR

- d) Write in detail about Prescription writing.

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

Q5) Describe old method of preparation of mother tincture and write difference between maceration and percolation in detail.

Q6) What are sources of Homoeopathic drugs. Describe in detail the classification of plant kingdom and Animal kingdom with two examples of drugs.

Q7) Write in detail about Homoeopathic drug proving.

