

## Rockstar Pandya

### First B.H.M.S. (2015) (New) Examination, Summer (Phase - II) 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 contents of Anatomical Snuff box.
- b) Origin of Deltoid muscle.
- c) Write two ligaments of Wrist joint.
- d) Name any two muscles supplied by Musculocutaneous nerve.
- e) Write two peculiarities of Clavical.
- f) Name structures forming floor of Cubital fossa.
- g) Name the nerves comes contact to Humerus.
- h) Write terminal branches of Brachial artery.
- i) Name two Hypothenar muscles.
- j) Write two different movement of Scapula.
- k) Name two parts of Pharynx.
- l) Blood supply of Larynx.
- m) Mention any two branches of Facial nerve.
- n) Name the Extra ocular muscles of eye ball.
- o) Mention any two parts of Corpus callosum.

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

- a) Fourth Ventricle.
- b) Cerebellum.
- c) Cerebro Spinal Fluid. (C.S.F)
- d) Ossification of Long Bone.
- e) Describe rotation of gut.
- f) First Brachial arch.

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

[4 × 5 = 20]

- a) Cubital Fossa.
- b) Trapezius Muscle.
- c) Radial Artery.
- d) Axillary Nerve.
- e) Flexor Retinaculum.
- f) Erb's Paralysis.

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

[2 × 10 = 20]

- a) Describe Anatomy of Thyroid Gland.
- b) Describe External Carotid Artery.
- c) Describe Anatomy of Tongue.
- d) Describe Anatomy of lateral wall of Nose.

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

5. Describe in detail the Anatomy of Shoulder Joint.

[1 × 20 = 20]

6. Describe in detail the Anatomy of Axillary Artery.

[1 × 20 = 20]

7. Describe in detail Median Nerve with its applied anatomy.

[1 × 20 = 20]



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

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Total Marks : 100

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  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
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1. Write short answer (**any ten** out of fifteen): **[10 × 2 = 20]**
- a) Write the names of organs located in Left Hypochondrium.
  - b) Write the blood supply of Duodenum.
  - c) Write the Anterior Relations of Stomach.
  - d) Write the Boundaries of Inguinal Canal.
  - e) Name two muscles of Pelvis.
  - f) Name two ligaments of Hip joint.
  - g) Write the names of Muscles supplied by Deep Peroneal Nerve.
  - h) Mention contents of Popliteal fossa.
  - i) Name any 4 ligaments of Hip Joint.
  - j) Name two contents of Adductor canal.
  - k) Write two contents of Superior Mediastinum.
  - l) Name the tributaries of Azygos Vein.
  - m) Name the Atrioventricular Valves of Heart.
  - n) Name the branches of Arch of Aorta.
  - o) Name the Structures passing through Aortic Opening of Heart.

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

- a) Pleura.
- b) Posterior Mediastinum.
- c) Right Ventricle.
- d) Hilum of Both Lungs.
- e) Bronchopulmonary segments.
- f) Thoracic duct.

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

[4 × 5 = 20]

- a) Obturator Nerve.
- b) Soleus.
- c) Adductor canal.
- d) Histology of Skin.
- e) Histology of Small Intestine.
- f) Histology of Liver.

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

[2 × 10 = 20]

- a) Write the Anatomy of Tibial Nerve.
- b) Write the Anatomy of Femoral Artery.
- c) Write the Anatomy of Longitudinal Arches of Foot.
- d) Write the Anatomy of Great Saphenous Vein.

**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 Vermiform Appendix in detail.

[1 × 20 = 20]

7. Describe the Anatomy of Urinary Bladder in detail.

[1 × 20 = 20]





**First B.H.M.S. (2015) (New) Examination, Summer (Phase - II) - 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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  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
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1. Write short answer (**any ten** out of fifteen) : [10 × 2 = 20]

- a) Enumerate the factors influencing Erythropoiesis.
- b) Name the Plasma Proteins.
- c) What is Thalassemia?
- d) Name the junctional tissues of Heart.
- e) Define Blood Pressure.
- f) Name the different waves in ECG.
- g) Enumerate different lung capacities.
- h) What is Asphyxia?
- i) Name the renal Function tests.
- j) Define micturition reflex.
- k) What are the different modes of heat loss from the body?

- l) What is Ultrafiltration?
- m) Name the layers of the skin.
- n) What is Diffusion?
- o) Name the pigments of the skin.

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

[4 × 5 = 20]

- a) Define ESR and state its significance.
- b) Blood Volume.
- c) Cardiac Output.
- d) Properties of cardiac Muscle.
- e) Functions of RE system.
- f) Formation and composition of Lymph.

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

[4 × 5 = 20]

- a) Normal Composition of Urine.
- b) Juxta Glomerular Apparatus
- c) Neurotransmitter
- d) Asphyxia.
- e) ~~Pleural space and Pleural cavity.~~ pneumonia
- f) Functions of skin.

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

[2 × 10 = 20]

- a) Explain the types and morphology of WBC in detail.
- b) Explain Cardiac cycle in detail with the help of a neat labelled diagram.
- c) Explain Anoxia in detail.
- d) Explain Body temperature regulation in detail.



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

5. Discuss the sites, stages & factors required for Erythropoiesis in detail.  
[1 × 20 = 20]
6. Explain the nervous & chemical regulation of respiration in detail.  
[1 × 20 = 20]
7. Discuss the factors affecting GFR in detail.  
[1 × 20 = 20]

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**First B.H.M.S. (2015) (New) Examination, Summer (Phase - II) 2019**  
**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.
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1. Write short answer (**any ten** out of fifteen):

[10 × 2 = 20]

- a) Name the hormones secreted by Thyroid *T<sub>4</sub> - T<sub>3</sub>*
- b) Define Hormone
- c) Name the hormones of Posterior Pituitary
- d) What is Ptyalism *ptyalism*
- e) Name two Bile Salts
- f) Name the secretions of Stomach cells
- g) Functions of Placenta
- h) What is Puberty
- i) Functions of Oxytocine
- j) Hormone secreted by testis
- k) What is vomiting
- l) Name the water soluble vitamins.
- m) Which vitamin is called Antisterility vitamin
- n) What is Rickets.
- o) What is xerophthalmia



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

- ~~a)~~ Cretinism
- b) Write functions of ADH Hormone.
- ~~c)~~ Peristalsis
- ~~d)~~ Functions of Tongue
- ~~e)~~ Define & Classify Carbohydrates
- f) Kreab cycle

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

[4 × 5 = 20]

- a) Vitamin B12
- ~~b)~~ Vitamin A
- ~~c)~~ Ovulation
- d) Prolactin.
- ~~e)~~ Functions of Proteins
- ~~f)~~ Constituents of Balance diet.

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

[2 × 10 = 20]

- ~~a)~~ Define and describe Spermatogenesis
- b) Myxodema
- ~~c)~~ Write Composition and functions of Gastric Juice
- d) Define synapse and explain its types & properties

**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 Secretion of Saliva.

[1 × 20 = 20]

7. Write in details about Pathway of vision with refractory errors. [1 × 20 = 20]



**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

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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 ?
  - i) Mention the specific gravity of glycerine.
  - 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 Lachaesis & Hepar Sulph are preserved?
  - o) Dispensing of L.M. Potency.



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

- a) Imponderabilia
- b) Collection of drug from animal sources.
- c) How will you preserve potentised medicines & mother tinctures.
- d) Describe Doctrine of Signature with two examples.
- e) Describe the water bath & dessicator with its types.
- f) Cleansing of mortar & pestle.

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

[4 × 5 = 20]

- a) Define Vehicle & Describe globules.
- b) Define & describe 50 milesimal scale.
- c) Preparations of liniment & lotion.
- d) Define Pharmacopoeia & write down the German Homoeopathic Pharmacopoeia.
- e) Placebo
- f) Inprocess of quality control.

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

[2 × 10 = 20]

- a) Define & describe Prescription writing in detail.
- b) Speciality & originality of Homoeopathic pharmacy.
- c) Scope of Homoeopathic Pharmacy in relation with Organon of Medicine.
- d) 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]

