

Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik
I BHMS Terminal Internal Assessment MUHS Examination Appearing Jun' 2020

Date: 10/02/2020	Sub: Anatomy	Time: 10:30 to 1:30 P.M.	Marks : 100
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Section A

1) Write short answers to any FIVE of the following:

5 x 2 = 10

- a) Name the contents of Quadrangular space
- b) Name muscles supplied by musculocutaneous nerve
- c) Name two branches ulnar artery in forearm
- d) Give origin and insertion of subscapularis muscle
- e) Name the Hypothenar muscles
- f) Name the boundaries of Anatomical snuff box
- g) Name for muscles of back of forearm
- h) Define supination and Pronation

2) Write short note on any TWO of the following:

2x 5 = 10

- a) Rotator cuff of shoulder joint
- b) Superficial palmar arch
- c) Superior Radioulnar joint
- d) Cubital fossa
- e) Anastomosis around elbow joint

3) Write Long answer to any ONE of the following

10X1=10

- a) Describe anatomy of Extraocular Muscles with applied anatomy
- b) Describe anatomy of Lacrimal apparatus.
- c) Enumerate boundaries of Anterior triangle and its subdivisions. Add a note on Digastric triangle.

Write Long answer to any ONE of the following

20X1=20

- 4) Describe anatomy of Radio-carpal joint with its applied anatomy.
- 5) Describe anatomy of Mammary gland with applied importance
- 6) Describe course relations and branches of Radial artery. Add a note on applied anatomy.

Section B

5 x 2 = 10

- 1) Write short answers to any FIVE of the following:
- Name two structures passing through Greater sciatic foramen
 - Name the muscles causing locking and Unlocking of the knee joint.
 - Name the hamstring muscles
 - Explain Iliotibial tract
 - Name the bones forming knee joint
 - Name the evertors of foot
 - Name the contents of Inguinal canal
 - Write the contents of rectus sheath

2 x 5 = 10

- 2) Write short note on any TWO of the following:

- Explain Gluteus maximus
- Describe Adductor canal
- Explain tendocalcaneus
- Explain long Saphenous vein

- 3) Write Long answer to any ONE of the following

- Explain the anatomy of Popliteal fossa
- Explain ligaments of knee joint
- Explain in detail longitudinal arches of foot

10X1=10

Write Long answer to any ONE of the following

20X1=20

- 4) Explain anatomy of Pancreas in detail

- 5) Explain anatomy of spleen in detail

- 6) Explain anatomy of liver in detail

1) Write short answers to any TEN of the following:

10 x 2 = 20

14

- a) Name the boundaries of quadrangular space
- b) Name boundaries of triangle of auscultation.
- c) Name the arteries supplying the Breast
- d) Name the muscles supplied by Musculocutaneous nerve
- e) Name the structure in Anterior wall of axilla
- f) Name the Parts of Longitudinal Arches of foot.
- g) Name the contents of femoral canal
- h) Name the Hamstring muscles.
- i) Name the articular surfaces of Knee Joint.
- j) Name four contents of femoral triangle.
- k) Name three muscles of anterior Abdominal wall
- l) Name contents of Porta hepatis.
- m) Name the Muscles of Mastication.
- n) Name boundaries of digastric triangle

o) What is the Nerve supply of Stenocleidomastoid Muscle.

2) Write short note on any TWO of the following:

2 x 5 = 10

- a) Trapezius muscle
- b) Cubital fossa
- c) Medial Cubital vein
- d) Axillary Lymphnodes

3) Write short note on any TWO of the following:

2 x 5 = 10

- a) Rectus Sheath
- b) Adductor Canal
- c) Inferior surface of Liver
- d) Gastrosoleus muscles.

4) Write Long answer to ONE of the following

1X10=10

- a) Describe anatomy of Thyroid gland with applied anatomy
- b) Describe the anatomy Posterior triangle of Neck.

5) Write Long answer to ONE of the following

1X10=10

- a) Describe anatomy of Popliteal fossa
- b) Describe anatomy of Hip joint.

6) Write Long answer to ONE of the following

1X20=20

A) Describe anatomy of Elbow joint under following heads:

- a) Articular surfaces b) Ligaments c) Blood & Nerve supply d) Movements e) Applied anatomy.

B) Describe anatomy of Axillary artery under following heads:

- a) Extent b) parts c) relations d) branches e) applied anatomy.

7) Write Long answer to ONE of the following

1X20=20

A) Describe anatomy of Uterus under following heads:

- a) Location b) parts c) relations supports d) Blood supply e) Lymphatic drainage.

B) Describe anatomy of Diaphragm under following heads:

- a) Origin & Insertion b) openings c) Nerve supply d) Action

15

Date: 14/02/2017	Sub: Physiology	Time: 9.30 to 12.30 P.M.	Marks : 100
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SECTION—A[SAQ]

2X10

Q.1.SHORT ANSWER QUESTION [ANY 10 OUT OF 15]

1. Name different types of WBC
2. Name Plasma proteins
3. Write life span of RBC
4. Name deficiency feature of Thiamin
5. Name different phases of Korotkov's sound
6. Define Blood Pressure
7. Name Posterior pituitary hormones.
8. Name Water soluble Vitamins.
9. What is Heart Block?
10. Name the cause of Night blindness .
11. Define Tidal volume .
- 12.Name Hyper functions of Growth Hormone.
- 13.Name sources of heat loss
- 14.What are different types of sweat.
- 15.Define Cardiac output.

2. short notes [any 4 out of 6]

5X4

- A. Heart Sounds.
- B. Anaemia
- C. Sp.junctinal tissues of Heart
- D. ECG.
- E. Oxytosin
- F. Functions of WBC.

3. short notes [any 4 out of 6]

5X4

- A. Strcture of Skin
- B. Muscles of Respiration
- C.Sites of RBC production
- D.Functions of skin
- E. Growth Hormone
- F. Peculiarities of Pulmonary circulation

SECTION-B [LAQ]

4. Long answer questions [Any 2 out of 4]

10X2

- A. Write composition and functions of Blood.
- B. Define Blood pressure. Describe different methods to measure Blood pressure.
- C. Write structure and function of skin.
- D. What is Thermoregulation? Discuss the mechanism of Thermoregulation.

ANY ONE FROM 5,6,AND 7

20X1

1. Describe Cardiac cycle in detail.
2. Describe Erythropoiesis in detail with proper diagram.
3. Define Respiration. Discuss in detail about mechanism of Respiration.

**Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik**

IBHMS [Supplementary Batch] Terminal Examination January 2016

31/12/2015	Sub: Anatomy	Time: 09:00 to 12.00	Marks : 100
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Directions : 1. Question No. 1, 2, 3, 4 are compulsory, Solve any one out of question No. 5, 6, 7.
(Any 10 out of 15) $10 \times 2 = 20$

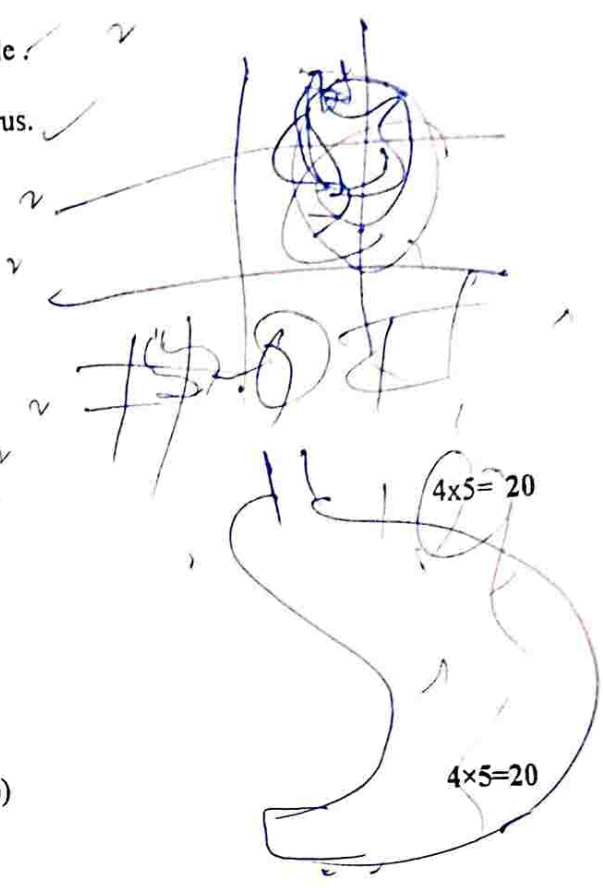
- 1. Write Appropriate Answers.**
- Mention the boundaries of cubital fossa.
 - Any 4 branches of axillary artery.
 - What is peritoneum? And write its layers.
 - Mention any 2 characteristic feature of Clavicle.
 - Mention any 4 branches of ulnar artery.
 - Define Anatomical & Surgical neck of Humerus.
 - Contents of axilla.
 - Action of Elbow joint.
 - 4 functions of liver.
 - Porta Hepatis.
 - Flat valve mechanism.
 - Name muscles of Gluteal Region.
 - Name Muscles of ant region of thigh.
 - What are the contents of the femoral sheath.
 - Mention the Action of Deltoid muscle.

- 2. Write Short Answers.** (Any 4 out of 6)
- Adductor Canal.
 - Ulnar Nerve.
 - Inguinal Canal.
 - Lymphatic Drainage of Breast.
 - Lacrimal Apparatus.
 - Contents of Femoral Triangle.

- 3. Write Short Answers.** (Any 4 out of 6)
- Gluteus Maximus muscle.
 - Axillary Nerve.
 - Write down importance of Umbelicus.
 - Rectus Sheath.
 - Sternocledomastoid Muscle.
 - Axillary Lymph nodes.
 - Anterior relation of kidneys.

- No. 4. Long Answer Questions.** (any 2 out of 4) $10 \times 2 = 20$
- Scalp.
 - Describe The Anatomy of Left Kidney.
 - Describe the Anatomy of breast in detail.
 - Explain Anatomy of Femoral triangle in Detail.
 - WRITE ANY 1 FROM QUESTION 5,6,&7 (20 mark)

- No. 5. Describe Liver in Detail.
- No. 6. Describe Femoral Artery in Detail.
- No. 7. Describe Posterior triangle of neck in Detail.



*** BEST OF LUCK ***

Write appropriate Answer (Any 10 out of 15)

Write the name of the muscles which form anterior and posterior wall of the axilla.

- Exomphalos.
- Tendinous intersection of rectus abdominis muscle
- Name 2 content of spermatic cord
- Name 9 regions of abdomen
- Porta hepatis
- Name the muscle having dual nerve supply in arm
- Name 2 muscles of Musculotendinous cuff
- Name the two arteries supplying breast
- Bicipital aponeurosis
- Origin and insertion of sartorius muscle
- Content of femoral sheath
- Name 2 muscles of gluteal region
- Insertion of temporalis muscle
- Content of inguinal canal

Short Notes (Any 4 out of 6)

- Deltoid muscle
- Enumerate facial muscle and explain buccinators
- Stomach bed

- b) Suprascapular nerve
- d) Scalp
- f) Rectus sheath

4X5=20

Short Notes (Any 4 out of 6)

- Radial nerve in arm.
- Rectus femoris muscle
- Name muscle of anterior abdominal wall and explain transversus abdominis
- Lacrimal apparatus
- Brachial artery and its branches
- Great sphenous vein

4X5=20

Long answer question (Any 2 out of 4)

- a) Anterior triangle of neck
- b) Femoral nerve
- c) Cubital fossa
- d) spleen

10X2=20

Long Answer Questions (Any 1 from 5, 6 and 7)

Describe in detail Brachial Plexus under following heading-

- a) Definition & formation
- b) Detail of roots, trunk, division and cord
- c) Branches of brachial plexus with diagram
- d) Relations and Applied anatomy.

1X20=20

Femoral triangle

Describe the Liver under following headings

- a) Situation, external features
- b) Visceral relations
- c) Peritoneal relations and bare areas
- d) Nerve and blood supply, applied anatomy, diagram

Give appropriate Answer (Any 10 out of 15)-----10X2=20

- Enumerate the branches name of the axillary artery?
- What is the deltoid muscle called multipinnate muscle?
- What is the rotator cuff is formed?
- What axillary nerve is called the circumflex nerve?
- Enumerate the muscles connecting upper limb with the vertebral column?
- Give definition and anatomical importance of the umbilicus?
- Enumerate name of the muscles of the anterior abdominal wall?
- Give contents of the rectus sheath?
- Give structures passing through the inguinal canal?
- Give regions of the abdomen?
- Give opening?
- Give boundaries of femoral triangle?
- Give name of hamstring muscles and their actions?
- Give details on dorsalis pedis artery?
- What is meant by peripheral heart?

Short Notes (Any 4 out of 6)-----4X5=20

- ~~Trapezius muscle~~
- Boundaries and contents of the cubital fossa.
- Deltoid muscle.
- Boundaries and contents of the popliteal fossa?
- Sciatic nerve?
- Great saphenous vein?

Short Notes (Any 4 out of 6)-----4X5=20

- Histology of liver?
- Histology of stomach?
- Histology of spleen?
- Gluteus Maximus muscle?
- Vermiform appendix?
- The diaphragm?

Long answer question (Any 2 out of 4)-----2X10=20

- Describe in detail anatomy of the brachial artery?
- Describe in detail anatomy of the radial nerve in arm?
- Describe in detail anatomy of the liver?
- Describe in detail anatomy of the tibiofibular joint?

Answer question (Any 1 from 5, 6 and 7)-----2X10=20

- Describe in detail Anatomy of the brachial plexus?
- Describe in detail Anatomy of the stomach?
- Describe in detail Anatomy of the knee joint?

ALL THE BEST

SECTION - A

Instructions: - Draw diagrams wherever necessary.

- Q.1] Describe the Anatomy of Axilla under following. [15 Marks]
 Heading with suitable diagrams:
 a) Definition b) Parts and their boundaries c) Contents.
 d) Clinical importance.

OR

- Q.1] Describe Radial Nerve in detail. [15 Marks]
 Q.2] Describe anatomy of Parotid gland.
 Describe anatomy of Internal ear. [20 Marks]

OR

- Q.3] Write any two out of four. [20 Marks]
 a) Superolateral surface of Cerebrum. B) Thalamus c) Cerebro-Spinal Fluid.
 d) Medulla Oblangata.

SECTION - B

- Q.4] Describe the Anatomy of shoulder joint in detail. [15 marks]
OR
 Q.4] Describe the Anatomy of Brachial Artery in detail.

- Q.5] Describe the Anatomy of Thyroid gland in detail. [15 marks]
OR
 Q.5] Describe posterior triangle of the neck in detail.

- Q.6] Write any two out of four. [20 marks]
 a) Cubital Fossa b) Flexor digitorum Superficialis
 c) Ulnar nerve in hand. D) Latissimus dorsi muscle.

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SECTION—A [SAQ]

Q.1.SHORT ANSWER QUESTION [ANY 10 OUT OF 15]

[2X10]

1. Name different types of WBC
2. Name Plasma proteins
3. Name different parts of Nephron
4. Name Special junctional tissues of Heart.
5. Name different phases of Korotkov's sound
6. Define Micturition
7. Name Posterior pituitary hormones.
8. Name different blood groups.
9. What is Heart Block?
10. Name Water soluble Vitamins
11. Name Two functions of stomach
12. Name respiratory centers .
13. Name Hyper functions of Growth Hormone.
14. Name sources of heat loss
15. What are different types of sweat.

Q.2. Short Notes [any 4 out of 6]

[5X4]

- A. Heart Sounds.
- B. Anaemia
- C. Hazards of mismatched Blood transfusion
- D. Structure and function of Kidney
- E. Cushing's syndrome
- F. Cardiac output

Q.3. Short Notes [any 4 out of 6]

[5X4]

- A. Asphyxia
- B. Lung volumes & capacities
- C. Sites of RBC production
- D. Functions of skin
- E. Salivary glands
- F. VIT-C

SECTION—A

Q.1. SHORT ANSWER QUESTION [ANY 10 OUT OF 15] 2X10

- | | |
|---|--|
| A. Name different types of WBC | B. Name Plasma proteins |
| C. Write life span of RBC | D. Name Special junctional tissues of Heart. |
| E. Give normal value of Clotting time. What is Haemophilia? | |
| F. Define Blood Pressure | G. Name Posterior pituitary hormones. |
| H. Define GFR with its normal value | I. Name different blood groups. |
| J. What are different parts of a Nephron. | |
| K. Name major salivary glands. | L. What are Juxtaglomerular apparatus |
| M. Name sources of heat loss | N. What are different types of sweat. |
| O. Define Cardiac output. | |

Q.2. short notes [any 4 out of 6] 5X4

- | | |
|------------------|-----------------------|
| A. Heart Sounds. | B. Anaemia |
| C. Hypoxia | D. Functions of Liver |
| E. Mitochondria | F. Functions of WBC. |

Q.3. short notes [any 4 out of 6] 5X4

- | | |
|---|-------------------------------------|
| A. functions of stomach | B. Lung volumes and Lung capacities |
| C. Goiter | D. korotkov's sound |
| E. Homeostasis | |
| F. Enumerate clotting factors with its Functions. | |

SECTION-B [LAQ]

Q.4. Long answer questions [Any 2 out of 4] 10X2

- Write concept of CO₂ transport in the body.
- Define Blood pressure. Describe different methods to measure Blood Pressure.
- Write structure and function of skin
- What is Thermoregulation? Discuss the mechanism of Thermoregulation.

ATTEMPT ANY ONE FROM Q5, Q6, AND Q7. 20X1

Q.5. Describe Cardiac cycle in detail.

Q.6. Describe process of Erythropoiesis in detail along with factors affecting erythropoiesis.

Q.7. What are HORMONES ? Write down in detail about hypo and hyper functioning of Growth Hormones.

ALL THE BEST

Date: 01/01/2016

Sub: Physiology

Time: 09:00 To 12:00

Marks : 100

Q.1.SHORT ANSWER QUESTION [ANY 10 OUT OF 15]

[2X10]

1. Name different types of WBC
2. Name Plasma proteins
3. Write life span of RBC
4. Name Special junctional tissues of Heart.
5. Name different phases of Korotkov's sound
6. Define Blood Pressure
7. Name Posterior pituitary hormones.
8. Name different blood groups.
9. What is Heart Block?
10. Name two indications of Artificial respiration.
11. Name respiratory centers .
12. Name Hyper functions of Growth Hormone.
13. Name sources of heat loss
14. What are different types of sweat.
15. Define Cardiac output.

Q.2. short notes [any 4 out of 6]

[5X4]

- A. Heart Sounds.
- B. Anaemia
- C. Hazards of mismatched Blood transfusion
- D. ECG.
- E. Oxytosin
- F. Functions of WBC.

Q.3. short notes [any 4 out of 6]

[5X4]

- A. Asphyxia
- B. Vital capacity
- C. Sites of RBC production
- D. Functions of skin
- E. Hypoxia
- F. Cyanosis

SECTION-B [LAQ]

Q.4. Long answer questions [Any 2 out of 4]

[10X2]

- A. Write composition and functions of Blood.
- B. Define Blood pressure. Describe different methods to measure Blood Pressure with advantages and disadvantages
- C. Write structure and function of skin
- D. What is Thermoregulation? Discuss the mechanism of Thermoregulation.

ANY ONE FROM 5,6,AND 7

[20]

Q.5. Describe Cardiac cycle in detail:

Q.6. Describe Erythropoiesis in detail with proper diagram.

Q.7. What are the hormones of Ant. Pituitary? Discuss Hypo and Hyper Function of Growth Hormone in detail.

BEST OF LUCK

SECTION—A [SAQ]

Q.1] **SHORT ANSWER QUESTION [ANY 10 OUT OF 15]**-----2X10

- a) Name different types of WBC
- b) Name Plasma proteins
- c) Write life span of RBC
- d) Name Special junctional tissues of Heart.
- e) Name different phases of Korotkov's sound
- f) Define Blood Pressure
- g) Name Fat soluble Vitamins
- h) Name different blood groups
- i) What are the hormones secreted from ant.pituitary gland
- j) Define Bleeding time
- k) Name two functions of platelets
- l) Name sources of heat loss
- m) What are different types of sweat.
- n) Define Blood
- o) Deficiency features of Vitamin C

2.] **Short Notes [Any 4 out of 6]**-----5X4

- | | |
|--------------------------------|-----------------|
| Functions of WBCs. | B. Anaemia |
| Sp.junctional tissues of Heart | D. ECG |
| Post.Pituitary Hormones | F. Heart Sounds |

3. **Short Notes [Any 4 out of 6]**-----5X4

- | | |
|---|--|
| A. Vitamin-A | B. Ricket |
| C. Charaterteristics of Pulmonary circulation | D. Functions of skin |
| E. Haemophilia | F. Growth hormone with hypo and hyperfunctions |

SECTION-B [LAQ]

Long Answer questions [Any 2 out of 4]-----10X2

- Write composition and functions of Blood.
- Define Blood pressure. Describe different methods to measure Blood pressure.
- Write mechanism of Coagulation.
- What is Thermoregulation? Discuss the mechanism of Thermoregulation.

ANY ONE FROM 5,6,AND 7-----5X4

- Describe Cardiac cycle with the following points :
 - Definition, time and importance
 - Ventricular Diastolic phases of Cardiac cycle
 - Ventricular Contraction phases of c.cycle
 - Volume and pressure change during each phase

Describe Erythropoesis with the following points

- | | |
|----------------------|-------------------------------|
| Definition and sites | B. Stages |
| Diagram | D. Necessary factors involved |

- What are Hormones? Name hormones secreted from Thyroid gland
- Write functions of Thyroid hormone
- Describe storage and synthesis of thyroid hormone
- What is the mechanism of regulation of secretion of thyroid hormone.

ALL THE BEST

Q.1] SHORT ANSWER QUESTION [ANY 10 OUT OF 15]

- Define Vital Capacity and its normal value.
- What is GFR. Write its normal value.
- Write two important Functions of Kidney.
- Name different Blood Groups.
- Define Götter.
- Name respiratory muscles.
- Define cyanosis.
- Name different parts of Nephron.
- What are Juxtaglomerular apparatus.
- What is Menarche? At which age it occurs?
- Name Bile pigments.
- Name abnormal constituents of Urine.
- What is high altitude sickness?
- Name two indications of Artificial respiration.
- Name hormones secreted by Pancreas.

4X5=20

Q.2] Short notes [Any 4 out of 6]

- | | |
|--------------------------------------|---------------|
| A. Micturition | B. Surfactant |
| C. Structure of spermatozoon | D. Glucagon |
| E. Structure and function of nephron | F. Cyanosis |

4X5=20

Q.3. Short notes [Any 4 out of 6]

- | | |
|---------------------------------------|---------------------------------|
| A. Secondary sexual changes in female | B. Structural anatomy of Kidney |
| C. Middle Ear | D. Hering-Bruer reflex |
| E. Asphyxia | F. Neuroglial cells. |

10X2=20

Q.4. Long answer questions [Any 2 out of 4]

- Describe ABO system of Blood grouping in detail.
- Wallarian degeneration.
- Discuss Hypoxia and its types.
- Spermatogenesis.

ANY ONE FROM 5, 6, AND 7)

1X20=20

Q.5.] Describe Respiratory system under following headings:-

- | | |
|---|--|
| A. Muscles of Inspiration with their actions. | B. Muscles of Expiration with their actions |
| C. Transport of O ₂ | D. Different forms by which CO ₂ is carried |

Q.6.] Describe formation of Urine under the following headings

- | | |
|-------------------------|--------------------------|
| A. Introduction | B. Glomerular filtration |
| C. Tubular reabsorption | D. Tubular secretion |

Q.7.] Discuss the followings-

- What is Menstrual cycle?
- Name and describe different phases of M.cycle.
- Draw proper and labeled diagram of M.cycle.
- Discuss about hormonal regulation of M.cycle.

SECTION - A

- Q.1] Write Long Answer: [15]
Describe in detail about White Blood Corpuscles with proper diagram.
OR
Q.1] Enumerate the factors involved in blood coagulation and describe the mechanism involved in Coagulation
- Q.2] Write Long Answer: [15]
Define Arterial Blood Pressure. What are the different methods to measure blood pressure? Mention role of Baro and Chemo receptors in regulation of blood pressure.
OR
Q.2] What are Heart Sounds? Write in detail about different types of Heart Sounds.
- Q.3] Write Any TWO out of four [20]
A. ECG
B. Functions of plasma proteins
C. Diffusion
D. Anemia.

SECTION - B

- Q.4] Write Long Answer: [15]
What is Respiration? Describe mechanism of Respiration in detail.
OR
Q.4] Explain the transport of Carbon-dioxide in blood. [From tissues to lungs and lungs to tissues]
- Q.5] What are Refractive errors. Write in detail different types of Refractive errors with causes and corrective measure. [15]
OR
Q.5] Describe mechanism of formation of urine in detail
- Q.6] Write any TWO out of four: [20]
A. Structure and functions of skin
B. GFR
C. Organ of Corti
D. Hypoxia

XXXXXXXXXXXXXXXXXX

SAQ

-----10X2=20

Q.1] Write appropriate answer [any ten out of fifteen]

- A] Describe constitution Cina
- B] Write modalities of bry alb
- C] Write chamomilla toothache
- D] Describe causation of colocynth
- E] Describe ledum pal injury
- F] Write about Aethusa convulsion
- G] Describe Colocynthis colic
- H] What is temperament?
- I] Write Bryonia Alba thirst
- J] Write aconite causation
- K] Describe chamomilla diarrhoea
- L] Write about Antim Crude -tongue
- M] Write about Rhus Tox - tongue
- N] Write about Allium Cepa - Gastric complaints
- O] Write arnica eye complaints

Q.2] Write short answers [Any four out of six]

-----4X5=20

- A] Aconite NEP - fever
- B] Arnica Montana -injury
- C] Antim Crude - mind
- D] Bryonia Alba -respiratory complaints
- E] Apis Mel - urinary complaints
- F] Aethusa - guiding symptoms

Q.3] Write Short Answers [Any four out of Six]

-----4X5=20

- A] Euphresia - eye complaints
- B] Apis Mel -mind and physical make up
- C] Colocynthis -Mind
- D] Argentum Nitricum - Throat Complaints
- E] Antim Tart - Characteristics
- F] Write five vegetable kingdom remedy with their common name, natural order.

LAQ

Q.4] Long answer question [Any two out of four] 2X10=20

1. Write constitution, characteristics and modalities of Antim Crude
2. Write constitution, characteristics and causation of Rhus Tox.
3. Write constitution, characteristics and mind Apis Mel
4. Write constitution, characteristics and mind of Bryonia Alba

Any one from Q.5, 6, 7-----1X20=20

Q.5] What is Materia Medica? what are sources & types of material medica? What are limitations of material medica .

Q.6] Write Drug Picture of Argentum Nitricum

Q.7] Write Drug Picture Of China

Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik
I BHMS 2nd Terminal Internal Assessment Examination Appearing Nov-Dec'2014
MUHS Examination [June'2014]

Date: 27/06/2014

Sub: HMM

Time: 9.30 to 12.30 P.M.

Marks : 100

SAQ

10X2=20

Q.1] Write appropriate answer [any ten out of fifteen]

- A] Cina – desires
- B] Write modalities of Bryonia Alba
- C] Write aloes hemorrhoids.
- D] Describe causation of Rhus Tox
- E] Describe Ledum pal rheumatic complaints
- F] Write about Aethusa –convulsion
- G] Describe tongue Rhus tox
- H] What is temperament?
- I] Write Aconite thirst
- J] Write Bryonia Alba constitution
- K] Describe chamomilla tooth complaints
- L] Write about aconite fear
- M] Write about Rhus Tox – skin complaints
- N] Write about allium cepa throat complaints
- O] Write causation of Aconite

4X5=20

Q.2] Write short answers [any four out of six]

- A] Aconite NEP – fever
- B] Ledum pal –injury
- C] Chamomilla mind
- D] Bryonia Alba –guiding symptoms
- E] Cina – worm complaints
- F] Aethusa – guiding symptoms

4X5=20

Q.3] Write Short Answers [any four out of six]

- A] Euphresia – female complaints
- B] Apis Mel–mind and characteristics
- C] Aloe –characteristics
- D] Euphrasia – Eye complaints
- E] Arnica – fever
- F] Write five vegetable kingdom remedy with their common name, natural order.

LAQ

2X10=20

Q.4] Long answer question [any two out of four]

- a) Write constitution, characteristics and modalities of Rhus Tox
- b) Write constitution, characteristics and causation of Bryonia Alba
- c) Write constitution, characteristics and child of chamomilla.

1X20=20

Q.5] Any one from Q.5, 6, 7
What Is Materia Medica? Sources Of Materia Medica Types Of Material Medica,
Scope & Limitation of Medica

Q.6] Write drug picture of Nux Vomica

Q.7] Write drug picture of aconite nep.

ALL THE BEST

Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik
1 BHMS Terminal Internal Assessment Examination Appearing May-June 2012

MUHS Examination [April 2012]

Date: 13/06/2012

Sub: HMM

Time: 9.30 to 12.30 P.M.

Marks : 100

S.A.Q

- Q.1] Write Appropriate Answer [Any Ten Out Of Fifteen]-----10X2=20
- A] Sources of Material Medica
 - B] Aconite Nep -Fever
 - C] Euphresia - Eye Complaints
 - D] Bryonia Alba - Constipation
 - E] Colocynthis - Sciatica
 - F] Argentum nit -Gastric Complaints
 - G] Colchicum - Mouth
 - H] Silicea - Wound
 - I] Cina - Worm Complaints
 - J] Nux Vom - Stool Complaints
 - K] Antim crud - Tongue Complaints
 - L] Aloe - Diarrhea
 - M] Allium Cepa - Nasal Complaints
 - N] Rhus Tox - Skin Complaints

- Q.2] Write Short Answers [Any Four Out Of Six]-----4X5=20
- A] Aconite NEP - Constitution
 - B] Nux Vom - Modality
 - C] Argentum Nit - mind
 - D] Bryonia Alba -Constitution & Mind
 - E] Antim Tart - Guiding Symptoms
 - F] Silicea - Guiding Symptoms

- Q.3] Write Short Answers [Any Four Out Of Six]-----4X5=20
- A] Nux Vom - GIT
 - B] Apis Mel -Urinary Complaints & Dropsy
 - C] Rhus Tox -Rheumatism
 - D] Chamomilla - Baby
 - E] Antim Tart - Respiratory System
 - F] Arnica - Injury

LAQ

- Q.4] Long Answer Question [Any Two Out Of Four]-----2X10 =20
- A] Write Drug Picture Of Aloe
 - B] Write Drug Picture Of Bryonia Alba
 - C] Write Drug Picture Of Nux Vom
 - D] Write Drug Picture Of Antim Crude
- Any One from Q.5, 6 & 7-----1x20= 20

Q.5] Define material medica, sources of material medica, different ways of studying hmm & limitation and scope of HMM.

Q.6] Drug picture of argentums Nitricum

Q.7] Write Drug Picture Of- Silicea



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

(1×20=20)

5. a) Write in brief sources of Homoeopathic Materia Medica.
b) Write different way of studying Material Medica.
c) Write different types of Materia Medica.
d) Write limitation and scope of Materia Medica.
 6. Write in detail drug picture of Nux-vomica giving to
 - a) Constitution.
 - b) Ailments from.
 - c) Guiding symptoms.
 - d) Modalities and relationship of remedy.
 7. Write in detail drug picture of calc-phos giving importance to
 - a) Constitution.
 - b) Ailment from.
 - c) Physical general.
 - d) Modalities.
-

SECTION - A

Q.1] Write Drug Picture of Bryonia Alba.

OR

[Marks 15]

Q.1] Write Drug Picture of Nux Vomica.

[Marks 15]

Q.2] Write Characteristics and Injury of Ledum Pal

OR

[Marks 15]

Q.2] Write Characteristics and Rheumatism complaints of Rhus Tox

[Marks 20]

Q.3] Short note (Any 4)

- a. Cina-Worm Infestation
- c. Aethusa -Baby
- e. Antim Crude - Mind

- b. Aloe socotrina -Characteristics
- d. Chamomilla - Characteristics

SECTION - B

Q.4] Write Drug Picture of Arnica Mon.

OR

[Marks 15]

Q.4] Write Nature and Scope of Homoeopathic Materia Medica, Sources of Homoeopathic Materia Medica and Different ways of studying the Materia Medica.

[Mark 15]

Q.5] Write Drug Picture of Aconite Nep.

[Marks 20]

Q.6] Short Notes (any 2)

- a. Antim crud -skin
- c. Antim tart - Respiratory System

b. Bryonia Alba - Respiratory System

Date : 30/04/2009

Sub : HMM

Time : 9.00 a.m to 12.00 p.m

Marks : 50

15 marks

Section A

1. The Following drug Belongs To Liliaceae family
 a) aloes b) Allium cepa c) aethusa d) a & b
2. Itch appears each year as winter approaches
 a) aloes b) aethusa c) arnica Montana d) rhus tox
3. Aversion to cold bathing is feature of
 a) arnica Montana b) Antim tart c) Antim crude d) aloes
4. Symptom when reappear change locality or side is feature of
 a) nux vom b) Antim crude c) aloes d) Ledum pal
5. Icterus with pneumonia is seen in
 a) nux vom b) aloes c) Antim tart d) rhus tox
6. Complete absence of thirst is symptom of
 a) Arnica Montana b) aethusa cynapium c) aloes d) Antim crude
7. The child can neither stand nor is hold up the head seen in
 a) aloes b) Ledum pal c) arnica d) aethusa
8. cough seems to tear and split the larynx is feature of
 a) rhus tox b) Antim tart c) Allium cepa d) aethusa
9. sore and raw spots on feet especially heel is symptom of
 a) arnica Montana b) allium cepa c) aethusa d) antim crud
10. The Child Dislikes to Be Carried or To Be Raised is feature of
 a) chamomilla b) cina c) Bryonia d) aloes
11. Rheumatism Begins below and Travels Upward is feature of.
 a) aloes b) aethusa c) led pal d) Bryonia
12. Sleeps by fits and starts; wakens at 3 A.M. and his business affairs crowd on him so that he cannot sleep is characteristic symptom of
 a) rhus tox b) Bryonia c) nux vom d) none of them
13. The child comes down with infantile paralysis after putting them down upon the cold damp ground is seen in.
 a) Arnica Montana b) Ledum Pal c) Rhus Tox d) Antim Crude
- 14 Mammae: heavy; of a stony hardness; pale but hard; hot and painful
 Must support the breasts is the feature of
 a) Bryonia b) Aethusa c) Led Pal d) Aloes
15. The patient feels, "If I could only vomit, I would be so much better." Is seen in
 a) Arnica Montana b) Nux Vom c) Rhus Tox d) Antim Crude

SHORT ANSWER QUESTION (Any 10)

- Q.1
1. Define Organon
 2. Enumerate the properties of vital force
 3. Define exciting cause
 4. Define Symptom
 5. State aphorism no.1
 6. Define psychology
 7. State aphorism no.2
 8. State Gallerts Poem
 9. Birthdate & birthplace of Dr. Hahnemann
 10. Explain second edition
 11. Explain Complete Symptom
 12. Define Drug Dynamisation
 13. Explain Footnote No.1
 14. Aude Sapere
 15. Define health & disease

-----20M

SHORT NOTES (ANY 4)

- Q.2
1. What are the fundamental causes? Explain
 2. Totality of symptom
 3. Difference between 5th & 6th edition of Organon
 4. Mission of the Physician
 5. Define causa occasionalis & give some examples.
 6. Explain "Homoeopathy can remove the symptom but the disease remains."

-----20M

SHORT NOTES (ANY 4)

- Q.3
1. Preserver of health
 2. Highest ideal of cure
 3. Law of simplex.
 4. Unprejudiced observer
 5. Explain doctrine of drug proving.
 6. Difference between Homoeopathy & Allopathy

-----20M

LONG ANSWER QUESTIONS (ANY 2)

- Q.4
1. Explain Spread of Homoeopathy in India
 2. Explain Ground Plan of Organon in detail.
 3. Explain the all editions of Organon of medicine.
 4. What is Vital Force ? Give role of Vital Force in Health & Disease.

-----20M

ANY ONE FROM 5, 6, 7.

- Q.5 Write down in detail about life history of Dr. Hahnemann

- Q.6 Explain cardinal principles of homoeopathy.

- Q.7 What precautions should be taken to become a true practitioner of healing art?

SECTION - A

- Q.1] Write a long answer.** [15]
- 1] What are the criteria necessary for an Ideal cure?
- OR**
- 1] Explain the role of the Vital force in health.
- Q.2] Write a long answer.** [15]
- 1] What are the qualities of an unprejudiced observer?
- OR**
- 1] What are the differences between natural diseases and artificial drug diseases?
- Q.3] Write any two out of the four.** [20]
- A] Which is a better curative method: heteropathy or homoeopathy, why?
- B] Explain symptomatic treatment according to the primary and Secondary action of drugs?
- C] Why can we not rely on Nature to cure diseases?
- D] Explain the Secondary curative action and its relation to homoeopathy.

SECTION - B

- Q.4] Write long answer.** [15]
- 1] Write about the life history of Dr. Kent and his contribution to Homoeopathy?
- OR**
- 1] Write in brief about the literary contributions of Hahnemann and in detail about the Organon of Medicine and its editions.
- Q.5] Write a long answer.** [15]
- 1] Explain how Homoeopathy is based on Inductive Logic?
- OR**
- 1] Discuss briefly the spread of homoeopathy in India?
- Q.6] Write any two out of four.** [20]
- A] What is the law of simplex and its relation to drug proving?
- B] Law of Minimum dose and the Theory of Drug Dynamisation
- C] Materia Peccans
- D] Laws of Gestalt.

XXXXXXXXXXXXX

Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik
I BHMS Terminal Internal Assessment MUHS Examination Appearing Jun' 2020

Date: 12/02/2020

Sub: Pharmacy

Time: 10:30 to 1:30 P.M.

Marks : 100

Q. 1. Write appropriate answers (Any 10)

(20)

1. What are the sources of Hom. Pharmacy?
2. Define Hom. Pharmacy.
3. Uses of globules.
4. Write 4 examples of medicines prepared from Roots.
5. Define Pharmaconomy.
6. What are the sources of homoeopathic drugs?
7. Write 2 examples of medicine prepared from leaves.
8. Define Drug.
9. Write 2 vehicles used for potentisation.
10. Uses of water bath.
11. What is Extemporaneous pharmacy?
12. What are varieties of alcohol?
13. Drug ratio & drug strength of Class VI A.
14. Define Pharmacophobia.
15. Ideal spatula.

Q.2. Write short answers (Any 4)

(20)

1. Advantages & Disadvantages of 50 Millesimal scale.
2. Tablets.
3. Uses of glycerin.
4. Succussion.
5. Branches of Pharmacy.
6. Class VA.

Q.3. Write short answers (Any 4)

(20)

1. Advantages & disadvantages of Trituration.
2. Cane sugar.
3. Decimal scale.
4. Define Vehicle & explain placebo.
5. Explain HPI.
6. Dessicator.

Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik
I BHMS (2015) Regular Batch 2018-19 Terminal Examination

Date: 06/03/2019

Sub: Pharmacy

Time: 9.00 to 12.00

Marks : 100

(20)

Q.1. Write appropriate answers (Any 10)

1. What are the sources for preparation of Alcohol?
2. Define Hom. Pharmacy.
3. Uses of globules.
4. Write 4 examples of medicines prepared from milk & milk products
5. Define Pharmacognosy.
6. What are the sources of homoeopathic drugs?
7. Write 2 examples of medicine prepared from leaves.
8. Define Drug.
9. Write 4 vehicles used for potentiation.
10. Uses of water bath.
11. What is Extemporaneous pharmacy?
12. What are varieties of alcohol?
13. Properties of glycerine.
14. Define Pharmacomania.
15. Ideal spatula.

Q.2. Write short answers (Any 4)

(20)

1. Give 10 examples from Animal kingdom.
2. Tablets.
3. Uses of glycerin.
4. Succussion.
5. Branches of Pharmacy.

Q.3. Write short answers (Any 4)

(20)

1. Advantages & disadvantages of Trituration.
2. Cane sugar.
3. Decimal scale.
4. Define Vehicle & explain placebo.
5. Explain HPL.

Q.4. Write long answers (Any 2)

(20)

1. Preparation, properties & uses of sugar of milk.
2. Explain Mortar & pestle.
3. Speciality & originality of Hom pharmacy.
4. How to prepare 1C by trituration?

Long answers Question (Any one from Q.5 & Q.6)

(20)

Q.5. Define Potentisation. Explain 50 Millesimal scale in detail.

Q.6. Explain Distilled water with its Preparation by distillation, Properties, Impurities, Uses.

**Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik
IBHMS [Supplementary Batch] Terminal Examination January 2016**

Date: 02/01/2016

Sub: Pharmacy

Time: 09:00 To 12:00

Marks : 100

Q. 1. Write appropriate answers (Any 10)

(20)

1. Define Hom. Pharmacy.
2. Define Hom. pharmacopeia.
3. Define Pharmacodynamics
4. Write 4 examples of medicines prepared from leaves.
5. Define Pharmacopraxy
6. Write 2 examples of medicines prepared from fruits.
7. Which vehicles are used for potentiation?
8. Write drug ratio & drug strength of Class II.
9. Define Remedy.
10. Define Pharmacomania
11. What is Galenical pharmacy.
12. What is the drug ratio & drug strength of class IX?
13. Define Drug.
14. Collection of roots
15. First Hom. Pharmacopeia was published in which year & by whom?

Q.2. Write short answers (Any 4)

(20)

1. Potentiation of class III.
2. HPI.
3. Fluxion potency.
4. Advantages of trituration.
5. Branches of Hom. Pharmacy.

Q.3. Write short answers (Any 4)

(20)

1. Preparation of solid potency in Decimal scale.
2. Preparation of mother tincture in class II.
3. German Hom. pharmacopeia.
4. Class VA.
5. Succussion.

Q.4. Write long answers (Any 2)

(20)

1. Collection of drug substances in vegetable kingdom.
2. Explain centesimal scale.
3. Specialities & originality of Hom. pharmacy.
4. Explain Dessicator & Pestles.

Long answers Question (Any one)

(20)

- Q.5. Classify old method of preparation of MT & Explain Percolation
- Q.6. Explain 50 millisimal scale in detail with its advantages.
- Q.7. Explain Trituration in Centesimal scale.

1. Write appropriate Answers (Any 10)-----

Define Hom. Pharmacy.

Define Hom. pharmacopeia.

What is Whey?

Write 4 examples of medicines prepared from roots.

Define potentisation.

Write 2 examples of medicines prepared from venoms & 2 ex. from acids.

Which vehicles are used for potentisation?

Write drug ratio & drug strength of Class III.

Define Pharmacodynamics.

Write 4 types of spatula.

Write 4 examples of semisolid vehicles.

What are the types of drug substances used in class V & class VI?

What is Jumping potency?

Define Maceration.

Define Pharmacopraxy.

(20)

2. Write Short Answers (Any 4)-----

History of pharmacy before 13th century.

GHP.

Fluxion potency.

Advantages of trituration.

Classify vehicles & Write examples of it.

(20)

3. Write short Answers (Any 4)-----

Tablets.

Properties of vehicles.

Hom. Pharmacopeia of India (HPI).

Potentisation according to class V.

Branches of pharmacy.

(20)

4. Write long answers (Any 2)-----

Preparation, properties & uses of sugar of milk.

Explain Trituration in Decimal scale.

Specialities of Hom. pharmacy.

(20)

5. Long answers Question (Any one from Q.5 &6)-----

a) Classification of old method of preparation of MT.

b) Class III.

c) Class IV

d) Potentisation in class II.

6. a) Difference between Decimal & Centesimal scale.

b) Preparation of MT & potency in 50 millisimal scale

c) Advantages of 50 millisimal scale.

d) Preparation of 1c by Succussion.

ALL THE BEST

Motiwala Education & Welfare Trusts,
Motiwala Homoeopathic Medical College & Hospital, Nashik

I BHMS 2nd Terminal Internal Assessment Examination Appearing Nov-Dec'2014

MUHS Examination [June'2014]

Date: 26/06/2014

Sub: Pharmacy

Time: 9.30 to 12.30 P.M.

Marks : 100

Q.1.] Write appropriate answers (Any 10)----- (20)

- 1.] Define Galenical pharmacy.
- 2.] Define nosodes.
- 3.] Define Vehicles.
- 4.] Write 4 examples of medicines prepared from leaves.
- 5.] Name 4 varieties of alcohol.
- 6.] Drug ratio & drug strength of Class III.
- 7.] Write 2 instruments used to estimate moisture content of drug substance.
- 8.] Define Maceration.
- 9.] Define Pharmacopraxy.
- 10.] Write 4 examples of medicines prepared from mineral kingdom
- 11.] Which types of drug substances are there in class V?
- 12.] Define pharmacopoeia.
- 13.] Write 4 specialities of Hom. pharmacy.
- 14.] Sources of preparation of alcohol.
- 15.] Define Drug .

Q.2.] Write Short answers (Any 4)----- (20)

1. Define mother tincture & classify old methods of preparation of mother tincture
2. Explain Sarcodes.
3. Class II
4. Explain preparation of sugar of milk.
5. Preparation of 1st potency in 50 millisimal scale.
6. Difference between olive oil & almond oil.

Q.3.] Write Short answers (Any 4)----- (20)

1. Difference between maceration & percolation.
2. Explain Tablets.
3. Explain Imponderabilia with examples.
4. Write specialities of Hom. pharmacy.
5. Define trituration & write its Advantages.
6. Succusion in Decimal scale.

Q.4.] Write long answers (Any 2)----- (20)

- 1.] Explain class VI
- 2.] Impurities in distilled water.
- 3.] Properties & uses of vehicles.

Long answers Question (Any one from Q.5,6 &7)----- (20)

Q.5.] Explain ethyl alcohol with the help of following points

- | | |
|-------------------------------|----------------|
| a) Preparation from molasses. | b) Advantages. |
| c) Disadvantages. | d) Uses. |

Q.6.]

- | | |
|--------------|----------------|
| a) Vaseline. | b) Spermaceti. |
| c) Bees wax | d) Lanolin. |

Q.7.]

- | | |
|--|----------------|
| a) Uses of sugar of milk. | b) Placebo. |
| c) Properties & preparation of globules. | d) Cane sugar. |

ALL THE BEST

Handwritten note:
For 1st year
and 2nd year
and 3rd year
and 4th year
and 5th year
and 6th year
and 7th year
and 8th year
and 9th year
and 10th year

SECTION - A

- Q.1] What are different sources of Homoeopathic drugs? Explain Nosodes Sarcodes & imponderibilia. **[15 Marks]**
- OR**
- Q.1] Define Hom. Pharmacy. Explain the scope, speciality & Originality of Hom. Pharmacy. **[15 Marks]**
- Q.2] Define Vehicles. Explain Chief Varieties of Alcohol. **[15 Marks]**
- OR**
- Q.2] What is Potentisation? Write its aim & objectives. Explain Succussion in Decimal & Centesimal Scales. **[20 Marks]**
- Q.3] Write Any Two.
- 1] Pharmacopeias
 - 2] Differences between Decimal & 50 Millisimal Scale.
 - 3] Chemical Balance.
 - 4] Types, Uses, Cleaning of Mortor & Pestle with well labelled diagram.

SECTION - B

- Q.4] Define Drug Proving. What are objects of drug proving? Add a note on recording of symptoms during proving. **[15 Marks]**
- OR**
- Q.4] What is Homoeopathic Posology? What are various kinds of doses? Write Hahnemann's instructions for repeatation of doses.
- Q.5] What are legal provisions related to manufacture for sale of Hom. Medicines. (85 A to 85 H) **[15 Marks]**
- OR**
- Q.5] Classify old methods of preparation of mother tincture. Explain class V & VI. **[20 Marks]**
- Q.6] Write any two.
- 1] What re rules for collection of drug substances from Nosodes, Sarcodes & Imponderibilia.
 - 2] Crystallisation.
 - 3] What are Hahnemann's arguments against External application in sec. 196 to 203 Explain Lotion.
 - 4] Opodeldocs & Ointments.

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