

B.H.M.S. [1st Prof.]

[Direct Course]

BF/2009/06

Anatomy – A

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions.

Illustrate your answers with suitable diagrams.

1. **Describe the Thyroid gland under the following heads:**
 - a. Situation & Capsule
 - b. Movement
 - c. Blood supply
 - d. Histology
 - e. Development

[4+2+4+6+4=20]
2. Enumerate the Commissures of the Brain. Describe the largest one.

[15+5=20]
3. Name the Cartilages of Larynx. Describe the interior of the Larynx.

[10+10=20]
4. Describe the boundary and contents of the Cubital fossa. Mention the steps of dissection of the Cubital fossa.

[10+5=15]
5. **Write short notes on [any THREE]:**

[3x5=15]

 - a. Scalp.
 - b. Cephalic vein.
 - c. Interpeduncular fossa.
 - d. Nasal septum.
 - e. Development of Tongue.

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Anatomy – B

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions.

1. Describe the Hip joint in detail. [15]
2. Describe the origin, insertion, relation, nerve supply and action of Gluteus Maximus muscle. [4+4+4+4+4=20]
3. **Write briefly on:**
 - a. Lymphatic drainage of Stomach. [5]
 - b. Relations of Head of Pancreas. [5]
 - c. Extra Hepatic biliary apparatus. [5]
4. Describe the Diaphragm in detail. [15]
5. **Write short notes on:** [5x5=25]
 - a. Origin, insertion, nerve supply and action of Sartorius muscle.
 - b. Ischial tuberosity.
 - c. Stomach bed.
 - d. Branches of superior mesenteric artery.
 - e. Branches of Aorta.

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Physiology – A

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions.

1. Define Cardiac cycle. Write various phases of cardiac cycle in detail.
[18]
2. What are different kinds of corpuscles in Blood. Write in detail about RBC.
[18]
3. Define Anoxia. Write its classification & effects of Anoxia on human body.
[18]
4. Write in detail about mechanism of Hearing.
[18]
5. **Write short notes on:** [18]
 - a. Characteristics of Cardiac muscle.
 - b. Errors of refraction.
 - c. Blood groups.
 - d. Micturation.

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Physiology – B

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions. Draw labeled diagrams wherever necessary.

1. **Write notes on:**
 - a. Islets of Langer Hans. [4¹/₂]
 - b. Function of Saliva. [4¹/₂]
 - c. Function of Neuron. [4¹/₂]
 - d. Glycogenesis. [4¹/₂]

2. **Write notes on:**
 - a. E.E.G. [4¹/₂]
 - b. Composition of Pancreatic juice. [4¹/₂]
 - c. Function of Mastication. [4¹/₂]
 - d. Peristalsis. [4¹/₂]

3. **Write notes on:**
 - a. Function of Gastrin hormone. [4¹/₂]
 - b. Function of Liver. [4¹/₂]
 - c. Physiology of voluntary muscles. [4¹/₂]
 - d. The Micelle. [4¹/₂]

4. **Write notes on:**
 - a. Special diet requirement during pregnancy. [6]
 - b. Function of Thallamus. [6]
 - c. Regulation of Thyroid secretion. [6]

5. **Write notes on:**
 - a. Mechanism of Speech. [9]
 - b. Digestion and absorption of Carbohydrate. [9]

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Homopathic Materia Medica

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions.

1. Describe the different ways of studying homoeopathic Materia Medica. [20]
2. **Explain Mental symptoms of:** [20]
 - a. Aconite nap.
 - b. Silicea.
3. Write down Eye symptoms of Euphrasia and Argentum Nitricum. [20]
4. Describe the babies of Chamomilla and Cina. [20]
5. **Write down modalities of:** [10]
 - a. Arnica Montana.
 - b. Rhustox.
 - c. Bryonia alb .
 - d. Nux vomica.

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Homoeopathic Pharmacy

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : *Attempt any THREE questions from Each Section.*

Section-A

1. Describe preparation of medicine in Fifty Millesimal scale. [15]
2. Describe various sources of Drugs. Describe the rules for collection of drugs from vegetable kingdom. [15]
3. Describe the different routes of administration of homoeopathic remedies. [15]
4. **Write short notes on:** [3x5=15]
 - a. Sugar of Milk.
 - b. Maceration.
 - c. Homoeopathic pharmacopoeia of India.

Section-B

5. Write a prescription for a child suffering from Cough and explain briefly the different parts of prescription. [15]
6. Describe the technique of Drug proving. [15]
7. How Pharmacy improves the knowledge of Materia medica. [15]
8. **Write short notes on:** [3x5=15]
 - a. Ointment
 - b. Distillation.
 - c. Fluxion potency.

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Organon of Medicine

[New Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions.

1. Write in brief life history of Dr. J.H. Clark. [15]
2. What is Hahnemann's & modern concept of Health. [15]
3. What is therapeutic law of nature? Derive homoeopathic law out of it. [15]
4. What do you mean by Symptoms? Define subjective and objective symptoms with their importance. [15]
5.
 - a. What is Psychology as it exists to-day? [8]
 - b. What is Visual perception? [7]
6. Write behaviouristic approach to psychology with special reference to two influential behaviourists – Watson & Skinner. [15]
