

FIRST BHMS DEGREE EXAMINATIONS

ANATOMY PAPER - 1 (2015 scheme)

(Model question paper)

- Answer all questions.
- Draw a Diagram wherever necessary.

Time : 3 Hrs.

Max.marks : 100

Long Essay

(2 X 15=30)

- 1 Describe the general anatomy, connections and contents of middle ear cavity.
(5+5+5=15)
- 2 Describe the brachial plexus with special emphasis on the formation, branches and applied anatomy.
(5+5+5=15)

Short Essay

(5x8=40)

- 3 Define and classify joints (2+6=8)
- 4 Describe the formation of placenta, and add a note on the placental barrier. (6+2=8)
- 5 Describe the origin, insertion, nerve supply and action of extra ocular muscle.
(2+2+2+2 =8)
- 6 Floor and communications of the fourth ventricle. (5+3 = 8)
- 7 Describe elbow joint and anastomosis around the elbow joint. (5+3 = 8)

Short notes

(10 x 3 = 30)

- 8 Cartilaginous ossification.
- 9 End artery with example.
- 10 Morulla.
- 11 Extra embryonic mesoderm
- 12 Falx cerebri.
- 13 Foramen ovale.
- 14 Strap muscles of neck
- 15 Palatine tonsil.
- 16 Carpal tunnel syndrome.
- 17 Biceps brachia

FIRST BHMS DEGREE EXAMINATIONS

ANATOMY PAPER - II (2015 scheme)

(Model question paper)

- Answer all questions.
- Draw a Diagram wherever necessary.

Time : 3 Hrs.

Max.marks: 100

Long Essay

(2 X 15=30)

- 1 Describe the mediastinum; explain boundaries and contents of superior mediastinum with its clinical significance. (5+5+5=15)
- 2 Describe the portal vein and explain three sites of porto-caval anastomosis with its clinical significance. (5+5+5=15)

Short Essay

(5x8=40)

- 3 General features and development of right atrium. (5+3=8)
- 4 Course, relations and branches of abdominal aorta (2+3+3=8)
- 5 Internal features and applied anatomy of prostate. (6+2=8)
- 6 Borders and contents of femoral triangle. (4+4=8)
- 7 Classification, formation and applied anatomy of arches of foot. (3+3+2=8)

Short notes

(10 x 3 = 30)

- 8 Root of right lung.
- 9 Sinuses of pericardium.
- 10 Foramen of Winslow.
- 11 Urogenital diaphragm.
- 12 Intercondylar region of tibia.
- 13 Sustentaculum tali.
- 14 Iliotibial tract.
- 15 Histology of liver.
- 16 Hyaline cartilage.
- 17 Transitional epithelium.

FIRST BHMS DEGREE EXAMINATIONS

Physiology and Biochemistry Paper-I (2015 scheme)

(Model question paper)

- Answer all questions.
- Draw a Diagram wherever necessary.

Time : 3 Hrs.

Max.marks : 100

Long Essay

(2 X 15=30)

- 1 Define erythropoiesis and explain the different stages of erythropoiesis with the help of a diagram. Add a note on factors necessary for erythropoiesis. (2+8+5=15)
- 2 Define cardiac output. Describe the factors maintaining cardiac output. (2+13=15)

Short Essay

(5x8=40)

- 3 Classifications and functions of WBC. (4+4=8)
- 4 Define and classify Hypoxia (1+7=8)
- 5 Explain ODC, mention the significance and factors affecting ODC. (4+2+2=8)
- 6 Explain the mechanism of formation and concentration of urine. (2+6=8)
- 7 Note on juxta-glomerular and Renin angiotensin mechanism. (4+4=8)

Short notes

(10 x 3 = 30)

- 8 ESR.
- 9 Caisson disease.
- 10 Micturition reflex.
- 11 Neuromuscular junction.
- 12 Properties of cardiac muscle.
- 13 Functions of skin.
- 14 Active transport.
- 15 Resting membrane potential.
- 16 Radial pulse.
- 17 Normal E C G.

FIRST BHMS DEGREE EXAMINATIONS

Physiology and Biochemistry Paper-II (2015 scheme)

(Model question paper)

- Answer all questions.
- Draw a Diagram wherever necessary.

Time : 3 Hrs.

Max.marks: 100

Long Essay

(2 X 15=30)

- 1 Explain the biochemical functions of vitamin A including source, requirement and deficiency manifestation. (8+1+1+5=15)
- 2 Name the anterior pituitary hormones and explain the functions and its deficiency manifestation. (2+8+5=15)

Short Essay

(5x8=40)

- 3 Mention the three different types of small intestinal movements. (3+3+2=8)
- 4 Name the descending tracts and explain cortico spinal tract. (3+5=8)
- 5 Explain visual pathway and add a note on effect of lesious at different levels. (4+4=8)
- 6 Explain TCA cycle and a note on energetic. (6+2=8)
- 7 Beta – oxidation of fatty acids with energetic. (6+2=8)

Short Notes

(10x3=30)

- 8 Graafian follicle
- 9 Functions of testosterone
- 10 C.S.F
- 11 Synapse
- 12 Ketone bodies
- 13 Lipotropic factors
- 14 Oxidative deamination
- 15 Iso-enzyme
- 16 Competitive inhibition
- 17 Functions of calcium

FIRST BHMS DEGREE EXAMINATIONS

Homeopathic Pharmacy (2015 scheme)

(Model question paper)

- Answer all questions.
- Draw a Diagram wherever necessary.

Time : 3 Hrs.

Max.marks: 100

Long Essay

(2 X 15=30)

- 1 What are the different sources of homeopathic drugs. Describe drugs from plant kingdom. (3+12=15)
- 2 Define drug dynamisation. Mention the scales and methods of dynamisation and the advantages of dynamisation. (2+8+5=15)

Short Essay

(5x8=40)

- 3 Define pharmacopoeia and describe HPI. (2+6=8)
- 4 Define vehicle and classify them with examples. Mention the preparation of sugar of milk. (1+3+4=8)
- 5 Define mother tincture. Discuss about the new methods of preparation of mother tinctures. (1+7=8)
- 6 Explain the general outline of homeopathic drug proving. (8)
- 7 Mention the acts and rules related to homeopathic pharmacy. Describe the rules related to manufacture of drugs. (3+5=8)

Short Notes

(10x3=30)

- 8 Egyptian system of medicine
- 9 Define nosodes with any four examples
- 10 Types of ethyl alcohol
- 11 Posology
- 12 Doctrine of Signature
- 13 Parts of prescription
- 14 Pharmacological action of belladonna
- 15 Organoleptic evaluation
- 16 Paper chromatography
- 17 Drugs and magic remedies act

5.2.1. ANATOMY

Scheme of question paper

Theory

Paper-I (100 marks)

General anatomy, Head, face and neck, Central nervous system, Upper extremities and Embryology

Sl No	Topic	Long Essays	Short Essays	Short Answers	Weightage of Marks
1	General Anatomy	–	1	2	14
2	Embryology	–	1	2	14
3	Head, Neck, Brain, Special Senses	1	2	4	43
4	Upper Extremity	1	1	2	29
	Total questions	2	5	10	17
	Total Marks	30	40	30	100

Paper-II (100 marks)

Thorax, Abdomen, Pelvis, Lower extremities and Histology (Microanatomy)

Sl No	Topic	Long Essays	Short Essays	Short Answers	Weightage of Marks
1	Thorax	1	1	2	29
2	Abdomen & Pelvis	1	2	2	37
3	Lower Extremity	–	2	3	25
4	Histology	----	–	3	9
	Total questions	2	5	10	17
	Total Marks	30	40	30	100

5.2.2.PHYSIOLOGY& BIOCHEMISTRY

Scheme of question paper

PAPER – I

SL NO:	TOPIC	Long essays (15 marks)	Short essays (8 marks)	Short answers (3 marks)	Weightage Of marks
1.	General physiology	-	-	2	6
2.	Body fluids	1	1	1	26
3.	Cardio-vascular system	1	-	2	21
4.	Respiratory system	-	2	1	19
5.	Renal Physiology & Regulation of body temperature & skin	-	2	2	22
6.	Nerve muscle physiology	-	-	2	6
7.	Total				100

PAPER – II

SL NO:	TOPIC	Long essays (15 marks)	Short essays (8 marks)	Short answers (3 marks)	Weightage Of marks
1.	Central nervous system	-	1	2	14
2.	Digestive system	-	1	-	8
3.	Endocrine & Reproductive system	1	-	2	21
4.	Special senses	-	1	-	8
5.	Biochemistry	1	2	6	49
6.	Total				100

HOMOEOPATHIC PHARMACY

Scheme of Question Paper.

I.THEORY(100MARKS)

The distribution of chapter wise marks in written paper may be as follows

SL.No	Topic	Marks	Question paper blueprint
I	General concepts & orientation		
1.	History of Pharmacy with emphasis on emergence of Homoeopathic Pharmacy	10	8+3 (1SE+1SA) (11)
2.	Official and unofficial Homoeopathic pharmacopoeia(Germany,Britain,U.S.A.,India)		
3.	Important terminologies like scientific names,common names,synonyms		
4.	Definitions in Homoeopathic Pharmacy		
5.	Components and Branches of pharmacy		
6.	Weights and measurements		
7.	Nomenclature of Homoeopathic drugs with their anomalies		
8.	Speciality and Originality of Homoeopathic Pharmacy		
9.	Relation of Homoeopathic Pharmacy with Materia Medica,Organon of medicine and National economy		
II	Raw Material:Drugs and Vehicles		
1	Sources of Drug(Taxonomic classification with reference to utility)	25	15+8+3+3 (1LE+1SE+2SA) (29)
2	Collection of drug substances		
3	Vehicles		
4	Homoeopathic Pharmaceutical Instruments and appliances		
III	Homoeopathic Pharmaceutics		
1	Mother tincture -Preparation ---old and new methods,Preservation of Mother tinctures.	35	15+8+3+3+3 (1LE+1SE+3SA) (32)
2	Dryg dynamisation or Potentisation,scales of potentisation,preservation of potentised medicines		
3	External application(focus on scope of Homoeopathic lotion,glycerol,linement ointment and others)		
4	Doctrine of signature		
5	Posology(focus on basic principles related aphorisms of Organon OfMedicine)		
6	Prescription writing,commonly used abbreviations with meaning.		
7	Concept of Placebo		
8	Pharmaconomy---Routes of administration of Homoeopathic drugs		
9	Dispensing of medicines		
10	Basics of adverse drug reactions and pharmaco –vigillanc		
11	Phyto chemistry		

12	Pharmacopallaxy		
IV	Pharmacodynamics and Pharmacognosy		
1	Homoeopathic Pharmacodynamics		
2	Drug proving(related aphorisms105-145 of Organon Of Medicine),merits and demerits of Human and Animal provings	10	8+3 (1SA+1SE) (11)
3	Pharmacological study of drugs listed in appendix –A		
V	Quality Control		
1	Standardisation of Homoeopathic medicines---Raw materials and finished products		
2	Good manufacturing practices,Industrial pharmacy	10	3+3 (2SA) (6)
3	Homoeopathic Pharmacopoea Laboratory—Functions and activities,relating to quality control of drugs		
VI	Legislations pertaining to Pharmacy		
1	The Drugs and Cosmetic Act-1940(23 of 1940)in relation to Homoeopathy		
2	The Drug and Cosmetic Rule 1945(in relation to Homoeopathy)		
3	Poisons Act1919(12 of 1919)		
4	The Narcotic Drug and Psychotropic Substances Act1985(61 of 1985)(Dangerous Drug Act)		
5	Drug and Magic Remedies(Objectionable Advertisements)Act 1954(21 of 1954)	10	8+3 (1SE+1SA) (11)
6	Medicinal and Toilet preparations(Excise Duties)Act1955(16 of 1955)		
7	Drug price control order1970 and 1971		
8	Pharmacy Act 1948		
	Total	100 MARKS	
Type of Questions	No. Of Questions	Marks per Question	Total
Long Essays	02	15	30
Short Essays	05	08	40
Short Answers	10	03	30
MAXIMUM MARKS			100