

**Bharati Vidyapeeth (Deemed to be University) Medical College & Hospital, Sangli**

Sr. No	Date	8.30 -9.30 am	9.30-10.30am	10.30am-12.30pm	1.30 pm 2.30 pm	2.30 pm 4.00pm
1	4/11/2024 Monday	Lecture 1  Introduction to Physiology	<b>Lecture 1- General Histology- Cell &amp; Epithelium</b> AN65.1, AN65.2	<b>Histology –</b> Microscope, Epithelium -15 minutes Common briefing to all batches  <b>Histology Practical-</b> Cell and microscope, Epithelium - A Batch AN65.1, AN65.2  <b>SGD-</b> Introduction to Anatomy, Terminology and planes- B & C Batches AN 1.1	Lecture 1  Introduction to Biochemistry	Lecture 2  Cell and Cell Membrane  PY 1.1
2	5/11/2024 Tuesday	<b>Lecture 1 General Anatomy-</b> Introduction to Anatomy, Terminology and planes AN 1.1	Lecture 3  Cell Organelles  PY 1.1	<b>Histology Practical -</b> Cell and microscope, Epithelium - <b>B Batch</b> AN65.1, AN65.2	Lecture 4  Homeostasis  PY 1.1	Lecture 2  Chemistry of Proteins -1

				<b>SGD- Introduction to Anatomy, Terminology &amp; planes- A batch</b> AN 1.1		
				<b>SGD-Epithelium Revision - C Batch</b> AN65.1, AN65.2		
3	6/11/2024 Wednesday	C.M 1.1,1.2,1.4 Concept of Health and diseases , Socio cultural factors affecting health		<b>Histology Practical - Cell and microscope, Epithelium - C Batch</b> AN65.1, AN65.2	Lecture 3  Chemistry of Proteins 2	Lecture 5  Transport Through Cell membrane 1  PY 1.1
				<b>SGD- Epithelium Revision- A &amp; B Batches</b> AN65.1, AN65.2		
4	7/11/2024 Thursday	<b>Lecture 2- General Histology - Connective Tissue &amp; Cartilage</b> AN66.1, 66.2, AN 71.2,	Lecture 4  Chemistry of Proteins - 3	<b>Histology</b> Connective tissue & cartilage briefing all batches-15 minutes	<b>Histology Practical- Connective tissue - C Batch</b>  AN66.1, AN 66.2	A Batch - Lab. Rules & Introduction  B Batch - Frog Dissection for Nerve Muscle Preparation
				<b>Histology Practical- Connective Tissue &amp; Cartilage- A &amp; B Batches</b> -45 minutes each AN66.1, AN 66.2 AN66.1, 66.2, AN 71.2,	<b>SGD- General Anatomy- Bone I classification &amp; ossification</b> AN1.2, AN2.1, AN2.2, AN2.3	1.- Lab Protocol Batch C

				<b>SGD- General Anatomy- Bone I</b> classification & ossification- C Batch AN1.2, AN2.1, AN2.2, AN2.3		
5	8/11/2024 Friday	<b>Lecture 6</b> Transport Through Cell membrane 2  PY 1.1	<b>Lecture 2-General Anatomy- Bone I</b> classification & ossification AN1.2, AN2.1, AN2.2, AN2.3	<b>SGD- General Anatomy- Bone II-</b> Parts of young long bone, Blood supply, ossification- All batches AN1.2, AN2.1, AN2.2, AN2.3	<b>Lecture 3-General Anatomy- Bone II</b> AN1.2, AN2.1, AN2.2, AN2.3	B Batch -  Lab. Rules & Introduction  C Batch -  Frog Dissection for Nerve Muscle Preparation
						1.- Lab Protocol Batch A
6	9/11/2024 Saturday	<b>Lecture 3 - General Histology</b> - Bone structure AN 71.1	<b>Lecture 7</b> Resting Membrane Potential  PY 1.8	<b>Histology- Bone</b> briefing all batches-15 minutes  <b>Histology Practical- Bone structure - A &amp; B Batch-</b> 45 minutes each - AN 71.1	<b>Histology Practical- Bone structure - C Batch</b> AN 71.1  <b>SGD- General Anatomy-Joint I – A &amp; B Batches</b> AN 2.5, AN 2.6	C Batch -  Lab. Rules & Introduction  A Batch -  Frog Dissection for Nerve Muscle Preparation

				<b>SGD- General Anatomy- Joint I - C Batch</b>		1.- Lab Protocol Batch B
7	11/11/2024 Monday	Lecture 8 Action Potential PY 1.8	<b>Lecture 4 - General Anatomy - Joint I</b> AN 2.5, AN 2.6	<b>SGD- General Anatomy-Joint II - all batches</b>	Lecture 5 Chemistry of Proteins - 4	Lecture 9 Introduction to Nerve PY 3.1
8	12/11/2024 Tuesday	<b>Lecture 5 - General Anatomy - Joint II</b> AN 2.5, AN 2.6	Lecture 10 Properties of nerve PY 3.2	<b>Lecture1- General Embryology-</b> Spermatogenesis AN 77.3 - 1 hr <b>Embryo model discussion-</b> Sperm All batches by rotation - 1 hr	Lecture 11 Body fluid compartment- Seminar Concept of pH & buffer systems in the body (Flipped Classroom) PY 1.1	Lecture 6 Chemistry of Proteins - 5

9	13/11/2024 Wednesday	Lecture 7  Chemistry of Proteins - 6	Lecture 12 Neuromuscular Junction  PY 3.4, 3.5, 3.6	<b>SGD- General Anatomy-</b> Muscle- All batches AN 3.1, 3.2, 3.3  <b>Lecture 6 - General Anatomy -</b> Muscle - Classification AN 3.1, 3.2, 3.3- 1 hr	Lecture 13  Introduction to muscle physiology  PY 3.7	A Batch -Study of Instruments Frog Dissection for Nerve Muscle Preparation  B Batch - Study of Microscope & Collection Of Blood  2. Biosafety precautions Batch C
10	14/11/2024 Thursday	<b>Lecture 4 - General Histology -</b> Muscle AN 67.1, 67.2, 67.3	Lecture 8 Enzyme-1	<b>Histology-</b> Muscle- Briefing for all batches  <b>Histology Practical-</b> Muscle- A Batch AN 67.1, 67.2, 67.3  <b>Revision</b> Bones, Joints- B & C Batches	<b>Lecture General Embryology 2-</b> Oogenesis AN77.3	B Batch -Study of Instruments Frog Dissection for Nerve Muscle Preparatio  C Batch - Study of Microscope & Collection Of Blood  2. Biosafety precautions Batch A
11	15/11/2024 Friday	<b>Holiday Gurunanak Jayanti</b>				

12	16/11/2024 Saturday	<b>Lecture General Embryology 3 – Menstrual cycle</b> AN 77.1, 77.2	Lecture 9 Enzyme-2	<b>Histology Practical-</b> Muscle- B Batch AN 67.1, 67.2, 67.3  <b>Revision</b> Bones, Joints- A Batch  <b>Embryo model discussion-</b> OOgenesis & Menstrual cycle- C Batch	<b>Lecture 7 - General Anatomy -</b> Nervous tissue AN 7.1-7.8	C Batch -Study of Instruments Frog Dissection for Nerve Muscle Preparation  A Batch - Study of Microscope & Collection Of Blood
13	18/11/2024 Monday	Lecture 14 Skeletal Muscle Properties  PY 3.8		<b>Histology Practical-</b> Muscle- C Batch AN 67.1, 67.2, 67.3  <b>Embryo model discussion-</b> OOgenesis & Menstrual cycle- A & B Batches by rotation	Lecture 10 Enzyme-3	2. Biosafety precautions Batch B  Test on General Physiology & Nerve Physiology

14	19/11/2024 Tuesday	<b>Lecture 5 - General Histology</b> - Nervous tissue AN 68.1, 68.2, 68.3		<b>Histology</b> -Nervous tissue- Briefing for all batches  <b>Histology Practical</b> - Nervous tissue A & B Batches 45 minutes each AN 68.1, 68.2, 68.3  <b>Revision</b> - C batch	Lecture 15  Smooth Muscle properties & contraction  PY 3.9  Lecture 16  Mode of muscle contraction (isometric and isotonic),energy source, Gradation of muscular activity and muscle dystrophies--SDL  (Flipped classroom)  PY 3.10	Lecture 11  Enzyme-4
15	20/11/2024 Wednesday	C.M 2.4 Medical Sociology,social psychology, community behaviour and community relationship and their impact on health and diseases		<b>Lecture 8- General Anatomy-</b> Cardiovascular System AN 5.1-5.8  <b>Histology Practical</b> - Nervous tissue- C Batch AN 68.1, 68.2, 68.3  <b>Revision</b> - A & B batch	Lecture 12  Enzyme-5	Seminar-Composition of Blood and function of blood & plasma proteins

16	21/11/2024 Thursday	<b>Lecture 6 - General Histology - Cardiovascular tissue (CVS)</b>  AN 69.1, 69.2,69.3	Lecture 13 Enzyme-6	<b>Histology - CVS</b> Briefing for all batches <b>Histology Practical -CVS A Batch</b> <b>Log book assessment &amp; revision- B &amp; C Batches</b>	<b>Lecture 5- General Embryology</b> – Changes in 1st & 2nd week [cleavage, formation of blastocyst, development of trophoblast, Implantation, abnormal sites of implantation, abortion, decidual reaction, pregnancy test, formation of bilaminar disc, extraembryonic mesoderm, coelom, prochordal plate) AN 78.1, 78.2, 78.3, 78.4, 78.5, AN80.1	A Batch-SMC,Temp & Strength of stimuli  B Batch- Neubaur’s chamber  <b>3. Glasswares</b> Batch C
17	22/11/2024 Friday	Lecture 17 Hemoglobin  PY 2.3	<b>Histology Practical -CVS</b> B batch- 9.30am to 11am C Batch- 11am-12.30pm <b>Log book assessment &amp; revision- A Batch</b>	<b>Lecture 7- General Histology-</b> Lymphoid System AN5.1, 6.1, 6.3, 70.2	B Batch-SMC,Temp & strength of stimuli  C Batch- Neubaur’s chamber  <b>3. Glasswares</b> Batch A	



18	23/11/2024 Saturday	<b>Lecture General Embryology 6 –</b> Changes in 3-8 weeks - [amnion, yolk sac, allantoic diverticulum, primitive streak, Gastrulation] AN 79.1, 80.1,	Lecture 14 Biological Oxidation-1	<b>Histology</b> -Lymphoid System Briefing for all batches <b>Histology Practical</b> -Lymphoid System A Batch AN5.1, 6.1, 6.3, 70.2  <b>Embryology Model Discussion-</b> Cleavage, Blastocyst formation, implantation- B & C Batches	<b>Lecture 9- General Anatomy-</b> Skin & fascia	C Batch-SMC, Temp & strength of stimuli  A Batch- Neubaur's chamber  3. Glasswares  Batch B
19	25/11/2024 Monday	Lecture 18  Degeneration & regeneration of Nerve  PY 3.3	<b>Histology Practical</b> -Lymphoid System B batch- 9.30am to 11am C Batch- 11am-12.30pm AN5.1, 6.1, 6.3, 70.2 <b>Embryology Model Discussion-</b> Cleavage, Blastocyst formation, implantation- A Batch	Lecture 19 ESR & PCV	Lecture 15 Biological Oxidation-2	

20	26/11/2024 Tuesday	<b>Lecture 8 General Histology -Skin AN 72.1</b>	Lecture 20 RBC  PY 2.4	<b>Histology -Skin</b> Briefing for all batches <b>Histology</b> <b>Practical- Skin A</b> AN 72.1 <b>Embryology</b> <b>Model Discussion-</b> Bilaminar & trilaminar germ disc- B & C Batch	Lecture 21 (Blood Indices) Anaemia & Jaundice PY 2.5  Lecture 22 Flipped Classroom CBL on Blood & Nerve Muscle Physiology	Lecture 16 Biological Oxidation-3
21	27/11/2024 Wednesday	Lecture17 <b>Carbohydrate Chemistry-1</b>	Lecture 23 WBC  PY 2.6	<b>Histology</b> <b>Practical- Skin B</b> & C Batches AN 72.1  <b>Embryology</b> <b>Model Discussion-</b> Bilaminar & trilaminar germ disc- A Batch	Lecture18 <b>Carbohydrate Chemistry-2</b>	Lecture 24 Blood Group  PY 2.9

22	28/11/2024 Thursday	<b>Part Completion Practical Exam- OSPE- General Histology, General Embryology</b>	Lecture19 <b>Carbohydrate Chemistry-3</b>	<b>Part Completion Theory Exam- General anatomy</b>	<b>SGD Lower Limb - Hip bone I AN14.1,14.2, AN 20.7</b>	<p>A Batch- Two successive stimuli, Tetanus &amp; Fatigue</p> <p>B Batch- Platelets Demo PY 2.7</p> <p><b>4. Instruments</b></p> <p>Batch C</p>
23	29/11/2024 Friday	Lecture 25 Immunity 1 PY 2.10	<b>Anatomy AETCOM 1.5</b>		<b>SGD Lower Limb- Hip bone II AN14.1,14.2, AN 20.7 Patella AN - 14.1, 14.2,14.3</b>	<p>B Batch- Two successive stimuli, Tetanus &amp; Fatigue</p> <p>C Batch- Platelets Demo PY 2.7</p> <p><b>4. Instruments</b></p> <p>Batch A</p>

24	30/11/2024 Saturday	<b>Lecture 1 Lower Limb</b> -Femoral triangle I -Boundaries & contents, Femoral sheath, Femoral Canal AN - 15.2,15.3, 15.4, AN20.4	Lecture 26 Immunity 2 PY 2.10	<b>Practical</b> - Femoral triangle I -Boundaries & contents, Femoral sheath, Femoral Canal AN - 15.2,15.3, 15.4, AN20.4	<b>SGD Lower Limb-</b> Femur, Patella AN - 14.1, 14.2,14.3	<p>C Batch- Two successive stimuli, Tetanus &amp; Fatigue</p> <p>A Batch- Platelets Demo PY 2.7</p> <p><b>4. Instruments</b> Batch B</p>
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