**DEPARTMENT OF ANATOMY**

**BDS FIRST YEAR 2022 ACADEMIC CALANDER**

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| **Week** | **lectures** | **Day** | **Lectures** | **Instructors** | | **Demonstrations** | | **Practical’s** | **Tutorials** |
| 1 |  | Monday |  |  | |  | | microscope | SDL |
| Lecture 1 | Tuesday | Introduction to histology | Dr. Fariha Qureshi | | 1. Introduction of General anatomy I | |
| Lecture 2 | Wednesday | Cell and organelles- I | Dr. Fatima Inam | | 1. Bones of skull | |
| Lecture 3 | Thursday | Cell and organelles II | Dr. Fatima Inam | |  | |
|  | Friday |  |  | |  | |
| Lecture 4 | Saturday | Nucleus -I | Dr. Fatima Inam | | 1. External views of skull | |
| **SUNDAY** | | | | | | | | | |
| 2 |  | Monday |  | |  | |  | Histology of cell | SDL |
| Lecture 1 | Tuesday | Cytoskeleton | | Dr. Fatima Inam | | 1. External view of skull |
| Lecture 2 | Wednesday | General aspects of bone | | Dr. Asma Siddique | | 1. External view of skull |
| Lecture 3 | Thursday | Mitosis and meiosis | | Dr. Riaz Sheikh | |  |
|  | Friday |  | |  | |  |
| Lecture 4 | Saturday | Cell inclusions | | Dr. Fatima Inam | | 1. External view of skull |
| **SUNDAY** | | | | | | | | | |

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| **Week** | **Date** | **Day** | **Lectures** | **Instructors** | **Demonstrations** | | **Practical** | **Tutorial** |
| 3 |  | Monday |  |  |  | | Cell shapes | Cell and Epithelium |
| Lecture 1 | Tuesday | Epithelium | Dr. Fariha Qureshi | 1. Neonatal skull | |
| Lecture 2 | Wednesday | General aspects of bone | Dr. Aasma Siddique | 1. The Meninges & Dural venous sinuses | |
| Lecture 3 | Thursday | Chromosomal anomalies | Dr. Riaz Sheikh |  | |
|  | Friday |  |  |  | |
| Lecture 4 | Saturday | Epithelium | Dr. Fariha Qureshi | 1. The Meninges and Dural venous sinuses | |
| **SUNDAY** | | | | | | | | |
| 4 |  | Monday |  |  |  | Simple epithelium | | SDL |
| Lecture 1 | Tuesday |  |  | First sub stage |
| Lecture 2 | Wednesday | Classification of bones | Dr. Asma Siddique | 1. The orbital region |
| Lecture 3 | Thursday | Spermatogenesis | Dr. Riaz Sheikh |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Cell surface modifications | Dr. Fariha Qureshi | 1. The orbit |
| **SUNDAY** | | | | | | | | |

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| **Week** | **Date** | **Day** | **Lectures** | **Instructors** | **Demonstrations** | **Practicals** | | **Tutorial** |
| 5 |  | Monday |  |  |  | Stratified epithelium | | SDL |
| Lecture 1 | Tuesday | Cell to cell junctions | Dr. Fariha Qureshi | 1. Eye |
| Lecture 2 | Wednesday | Blood supply of long bones | Dr. Asma Siddique | 1. Eye |
| Lecture 3 | Thursday | Spermatogenesis | Dr. Fariha Qureshi |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Connective tissues and connective tissue cells | Dr. Asma Siddique | 1. The ear |
| **SUNDAY** | | | | | | | | |
| 6 |  | Monday |  |  |  | Pseudostratified epithelium and transitional epithelium | SDL | |
| Lecture 1 | Tuesday | **Kashmir holiday** | | |
| Lecture 2 | Wednesday | Clinical aspects of bone | Dr. Asma Siddique | 1. The ear |
| Lecture 3 | Thursday | Oogenesis | Dr. Riaz  Sheikh |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Connective tissue fibers and ground substance | Dr. Asma Siddique | 1. Mandible |
| **SUNDAY** | | | | | | | | |

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| **7** | **Date** | **Day** | **Lectures** | **Instructors** | **Demonstrations** | **Practical’s** | **Tutorials** |
|  | Monday |  |  |  | Connective tissue cells and Connective tissue fibers | General anatomy of bones |
| Lecture 1 | Tuesday | Cartilage Elastic cartilage, fibrocartilage | Dr. Fariha Qureshi | 1. The mandible |
| Lecture 2 | Wednesday | General anatomy of joints | Dr. Asma Siddique | 1. The temporomandibular joint |
| Lecture 3 | Thursday | oogenesis | Dr. Riaz sheikh |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of bones-I | Dr. Fariha Qureshi | 1. The temporomandibular joint |
|  | **SUNDAY** | | | | | | |
| 8 |  | Monday |  |  |  | Mucoid connective tissue and loose connective tissue | SDL |
| Lecture 1 | Tuesday |  |  | 1. **2nd substage** |
| Lecture 2 | Wednesday | General anatomy of joints | Dr. Aasma Siddique | 1. The scalp |
| Lecture 3 | Thursday | Oogenesis | Dr. Riaz sheikh |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of bone II | Dr. Fariha Qureshi | 1. The scalp |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lectures** | **Instructor** | **Demonstration** | **Practical** | **Tutorial** |
| 9 |  | Monday | **Sports** | | | Dense regular and irregular connective tissue | Spermatogenesis and Oogenesis |
|  | Tuesday |
|  | Wednesday |
| Lecture 3 | Thursday | Menstrual cycle | Dr. Riaz sheikh |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Grand test of histology, embryology and general anatomy |  | 1. The face |
| **SUNDAY** | | | | | | | |
| 10 |  | Monday |  |  |  | Adipose tissue | SDL |
| Lecture 1 | Tuesday | Histology of skeletal muscles | Dr. Fatima Inam | 1. The face |
| Lecture 2 | Wednesday | General anatomy of joints | Dr. Aasma siddique | 1. The parotid region |
| Lecture 3 | Thursday | Fertilization- I | Dr. Riaz sheikh |  |
|  | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of smooth and cardiac muscles | Dr. Fatima Inam | 1. Temporal and infra temporal region |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lectures** | **Instructors** | | | **Demonstrations** | **Practical** | | **Tutorial** |
| 11 | Lecture 1 | Monday |  |  | | |  | Hyaline cartilage Fibrous and elastic cartilage | | SDL |
|  | Tuesday |  |  | | | 1. 3rd substage |
|  | Wednesday | General anatomy of joints | Dr. Aasma siddique | | | 1. Muscular triangle of neck |
| Lecture 2 | Thursday | Fertilization -II | Dr. Riaz sheikh | | |  |
| Lecture 3 | Friday |  |  | | |  |
| Lecture 4 | Saturday | Histology of elastic artery and vein artery | Dr. Fatima Inam | | | 1. Muscular triangle of neck |
| **SUNDAY** | | | | | | | | | | |
| 12 | Lecture 1 | Monday |  | |  |  | | | Compact bone and spongy bone | Connective tissues |
|  | Tuesday | Histology of muscular artery and vein | | Dr. Fatima Inam | 1. Submandibular region | | |
|  | Wednesday | General anatomy of joints | | Dr. Aasma Siddique | 1. . Vessels of head and neck | | |
| Lecture 2 | Thursday | Blastocyst formation and implantation | | Dr. Riaz sheikh |  | | |
| Lecture 3 | Friday |  | |  |  | | |
| Lecture 4 | Saturday | Histology of arterioles and capillaries | | Dr. Fatima Inam | 1. Lymph drainage of head & neck | | |
| **SUNDAY** | | | | | | | | | | |

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| **Week** | **Date** | **Day** | **Lectures** | **Instructor** | **Demonstrations** | **Practical** | **Tutorial** |
| 13 | Lecture 1 | Monday |  |  |  | Skeletal and cardiac muscles | Cartilage and bone |
|  | Tuesday | Histology of nervous system | Dr. Fariha Qureshi | 1. Cranial nerves |
|  | Wednesday | Secondary cartilaginous joint | Dr. Aasma siddique | 1. Cranial nerves |
| Lecture 2 | Thursday | Neural crest cell derivatives | Dr. riaz shiekh |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday |  | | |
| **SUNDAY** | | | | | | | |
| 14 |  |  |  |  |  | Smooth muscles | SDL |
|  | Tuesday | Histology of peripheral nervous system | Dr. Fariha Qureshi | 1. Cranial nerves |
|  | Wednesday | Clinicals of joints | Dr. Asma Siddique | 1. Cervical plexus |
| Lecture 2 | Thursday | Folding of Intraembryonic mesoderm | Dr. Fariha Qureshi |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of ganglia | Dr. Fariha Qureshi | 1. Autonomic nervous system |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | **Tutorial** |
|  | **SPRING VACATIONS 1/4/2022- 6/4/2022** | | | | | | |
| 15 |  | Monday |  |  |  | Elastic artery and vein | General anatomy of joints |
|  | Tuesday | Test of histology |  | 1. The autonomic nervous system |
|  | Wednesday | General anatomy of muscles |  | 1. Mouth and palate |
| Lecture 2 | Thursday | Gastrulation | Dr. Riaz Sheikh |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of lymphoid tissue |  | 1. Tongue |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | | **Instructor** | | **Demonstration** | **Practical** | | **Tutorial** |
| 16 | Lecture 1 | Monday |  | |  | |  | Muscular artery and vein | | Fertilization |
|  | Tuesday | Histology of thymus | | Dr. Fariha Qureshi | | 1. Salivary glands |
|  | Wednesday | Classification of muscles | | Dr. Fatima Iman | | 1. pharynx |
| Lecture 2 | Thursday | Neural tube formation | | Dr. Riaz Sheikh | |  |
| Lecture 3 | Friday |  | |  | |  |
| Lecture 4 | Saturday | Lymph node | | Dr. Fariha Qureshi | | 1. Esophagus |
| **SUNDAY** | | | | | | | | | | |
| 17 | Lecture 1 | Monday |  | |  | |  | Microscopic structure of capillaries | | SDL |
|  | Tuesday | spleen | | Dr. Fariha Qureshi | | 1. The nose |
|  | Wednesday |  | |  | | 1. The paranasal sinuses |
| Lecture 2 | Thursday | Neural crest cell derivatives | | Dr. Riaz Sheikh | |  |
| Lecture 3 | Friday | Naming of muscles | | Dr. Fatima Iman | |  |
| Lecture 4 | Saturday | tonsil | | Dr. Fariha Qureshi | | 1. Trachea and larynx |
| **SUNDAY** | | | | | | | | | | |
| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | | **Demonstration** | | **Practical** | | **Tutorial** |
| 18 | Lecture 1 | Monday |  |  | |  | | Microscopic structure of thick and thin skin | | Histology of muscles |
|  | Tuesday | Histology of integumentary system | Dr. Asma Siddique | | 1. Larynx | |
|  | Wednesday | Labor day holiday | | | | |
| Lecture 2 | Thursday | Folding of embryo | Dr. Riaz Sheikh | |  | |
| Lecture 3 | Friday |  |  | |  | |
| Lecture 4 | Saturday | Histology of integumentary system | Dr. Asma Siddique | | 1. Pituitary and pineal gland | |
| **SUNDAY** | | | | | | | | | | |
| 19 | Lecture 1 | Monday |  |  | | Tibia | | Mammary gland | SDL | |
|  | Tuesday | Histology of respiratory system | Dr. Fariha Qureshi | | 1. Thyroid and parathyroid gland | |
|  | Wednesday | General anatomy of circulatory system | Dr. Fatima Inam | | 1. Root of neck | |
| Lecture 2 | Thursday | Folding of embryo | Dr. Riaz Sheikh | |  | |
| Lecture 3 | Friday |  |  | |  | |
| Lecture 4 | Saturday | Olfactory mucosa |  | | 1. Thoracic duct | |
| **SUNDAY** | | | | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | | **Tutorial** |
| 20 | Lecture 1 | Monday |  |  |  | Peripheral nerve | | General anatomy of muscles |
|  | Tuesday |  |  | 1. 4th substage |
|  | Wednesday | General anatomy of circulatory system | Dr. Fatima Iman | 1. Surface marking |
| Lecture 2 | Thursday | embryo 4th to 8th week | Dr. Riaz Sheikh |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Trachea |  | 1. Radiographs |
| **SUNDAY** | | | | | | | | |
| 21 | Lecture 1 | Monday |  |  |  | Ganglia | SDL | |
|  | Tuesday |  |  | 1. Stage of head and neck |
|  | Wednesday |  |  | 1. Stage of head and neck |
| Lecture 2 | Thursday | 9th week to birth | Dr. Riaz sheikh |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Lungs | Dr. Fariha Qureshi | 1. Introduction to nervous system |
| **SUNDAY** | | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | | **Practical** | **Tutorial** |
| 22 | Lecture 1 | Monday |  |  |  | | tonsil | Histology of lymphoid tissue |
|  | Tuesday | lungs | Dr. Fariha Qureshi | 1. Spinal cord | |
|  | Wednesday | Integumentary system | Dr. Asma Siddique | 1. Spinal cord | |
| Lecture 2 | Thursday | Teratogenicity | Dr. Riaz sheikh |  | |
| Lecture 3 | Friday |  |  |  | |
| Lecture 4 | Saturday | Grand test |  | 1. Spinal cord | |
| **SUNDAY** | | | | | | | | |
|  | **SUMMER HOLIDAYS 20- 5-22 TO 23-6-22** | | | | |  | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | **Tutorial** |
| 23 | Lecture 1 | Monday |  |  |  | Lymph nodes | Histology of bone |
|  | Tuesday | Histology of Spinal cord | Dr. Asma Siddque | 1. Spinal cord |
|  | Wednesday | General anatomy of nervous system | Dr. Asma Siddique | 1. Medulla |
| Lecture 2 | Thursday | Teratogenicity | Dr. riaz sheikh |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of cerebellum | Dr. Asma Siddique | 1. Medulla |
| **SUNDAY** | | | | | | | |
| 24 | Lecture 1 | Monday |  |  |  | Thymus | General anatomy of circulatory system |
|  | Tuesday | Histology of cerebrum | Dr. Asma Siddique | 1. Pons |
|  | Wednesday |  |  | 1. Pons |
| Lecture 2 | Thursday | Thymus | Dr. Fariha Qureshi |  |
| Lecture 3 | Friday | Neuron structure | Dr. Asma Siddique |  |
| Lecture 4 | Saturday | Histology of parotid gland | Dr. Fatima Inam | 1. Midbrain |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | **Tutorial** |
| 25 | Lecture 1 | Monday |  |  |  | Spleen | SDL |
|  | Tuesday | Histology of submandibular gland | Dr. Fatima Inam | 1. Cerebellum |
|  | Wednesday | Central nervous system | Dr. Asma Siddique | 1. Cerebellum |
| Lecture 2 | Thursday | Teratogenicity |  |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday |  |  | First substage |
| **SUNDAY** | | | | | | | |
| 26 | Lecture 1 | Monday |  |  |  | Olfactory mucosa and trachea | SDL |
|  | Tuesday | Histology of sublingual gland |  | 1. Thalamus |
|  | Wednesday | Spinal nerve |  | 1. Thalamus |
| Lecture 2 | Thursday | Teat of embryology |  |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of tongue | Dr. Fatima inam | 1. Hypothalamus |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | **Tutorial** |
| 27 | Lecture 1 | Monday |  |  |  | lungs | Histology and of nervous system |
|  | Tuesday | Histology of tongue | Dr. Fatima inam | 1. Epithalmus and subthalmus |
|  | Wednesday | Peripheral nerve | Dr. Asma Siddique | 1. Cerebrum |
| Lecture 2 | Thursday | Twinning | Dr. Riaz sheikh |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of esophagus | Dr. Fariha Qureshi | 1. Cerebrum |
| **SUNDAY** | | | | | | | |
| 28 | Lecture 1 | Monday |  |  |  | Salivary glands | SDL |
|  | Tuesday | Histology of thyroid gland |  | 1. Basal ganglia and their connections |
|  | Wednesday | Spinal nerve | Dr. Asma Siddique | 1. Cranial nerves |
| Lecture 2 | Thursday | Twinning |  |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Histology of parathyroid gland |  | 1. Autonomic nervous system |
| **SUNDAY** | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | | **Tutorial** |
| 29 | Lecture 1 | Monday |  |  |  | tongue | | Teratogenicity |
|  | Tuesday | revision |  | 1. Meninges of the brain and spinal cord |
|  | Wednesday | Autonomic nervous system | Dr. Asma siddique | 1. Ventricles and circulation of cerebrospinal fluid |
| Lecture 2 | Thursday | Test of embryology |  |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Revision |  | 1. Blood supply of the brain and spinal cord |
| **SUNDAY** | | | | | | | | |
| 30 | Lecture 1 | Monday | Revision |  |  | Esophagus | SDL | |
|  | Tuesday | EID UZ ZUHA | | |
|  | Wednesday |
| Lecture 2 | Thursday |
| Lecture 3 | Friday | Revision |  |  |
| Lecture 4 | Saturday | Test of general anatomy |  | 2nd substage |
| **SUNDAY** | | | | | | | | |

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| **Week** | **Date** | **Day** | **Lecture** | **Instructor** | **Demonstration** | **Practical** | **Tutorial** |
| 31 | Lecture 1 | Monday |  |  |  | Spinal cord and cerebellum | Histology of respiratory system |
|  | Tuesday |  |  | Revision |
|  | Wednesday | Grand test |  |  |
| Lecture 2 | Thursday | Revision |  |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Revision |  | Revision |
| **SUNDAY** | | | | | | | |
| 32 |  |  |  |  |  | Cerebrum |  |
| Lecture 1 | Tuesday |  |  | Stage of neuroanatomy |
|  | Wednesday |  |  | Stage of neuroanatomy |
| Lecture 2 | Thursday | Revision |  |  |
| Lecture 3 | Friday |  |  |  |
| Lecture 4 | Saturday | Test of general anatomy |  |  |
| **SUNDAY** | | | | | | | |