

Curriculum plan (Even Semester 2025-2026)

Teacher Name: **Dr. Varsha Singh**

Paper name: **Human Physiology- control and coordination system (Theory)**

Class type: B. Sc. (H) I year sem II

Unit to be taken	Allocated lectures	Month wise schedule to be followed	Tests/Assignments/Revision/Presentations etc
UNIT – I Nervous System and Sense Organs	8	January	Assignments
UNIT – II Muscle Physiology	7	February	Assignments Revision
UNIT – III Endocrine System	8	March	Revision, Test and Assignments corrections
UNIT – IV Reproductive System	7	March, April	

Name of teacher

Signature

Curriculum plan (Even Semester 2025-2026)

Teacher Name: **Dr. Varsha Singh**

Paper name: **Human Physiology- control and coordination system (Practical)**

Class type: B. Sc. (H) I year Sem II

Paper shared with: Dr. Manisha Arora Pandit

Unit to be taken	Month wise schedule to be followed	Tests/Assignments/ Revision/Presentations etc
1. Classification, structure and functions of tissues: epithelial, connective, muscular and nervous tissue. 2. Structure, histology, types and function of bones and cartilage. 3. Classification and histological structure of muscle; ultrastructure of striated muscle.	January	Project allocated
4. Preparation of temporary mounts: Squamous epithelium, Striated muscle fibres, Nerve cells. 5. Demonstration of the unconditioned reflex action (Deep tendon reflex such as knee jerk reflex). 6. Recording of simple muscle twitch with electrical stimulation (Interpretation/ Virtual).	February	Assignments Revision
7. Study of permanent slides of Mammalian Skin, Spinal cord, Hypothalamus, Pineal, Pituitary, Thyroid, Parathyroid, Pancreas, Adrenal, Testis and Ovary. 8. Permanent slide preparation from various tissues: Tissue fixation, block preparation, tissue sectioning, H&E staining, microscopy (Minimum three tissues; tissue can be procured from the slaughterhouse).	March	Revision, Test and Assignments corrections
Revision and Mock Test	April	Revision

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