

Swarnamoyee Jogendranath Mahavidyalaya

At+P.O.: Amdabad, P.S.: Nandigram, Dist.: Purba Medinipur, PIN 721650

DEPARTMENT OF PHYSIOLOGY

COURSE OUTCOMES OF GENERAL COURSES UNDER CBCS w.e.f. 2022-23

Semester III

DSC1C

6 credits

DSC1CT Nerve-Muscle Physiology, Nervous system, Skin and Body Temperature Regulation.

4 credits

- *Nerve-muscle Physiology*: On satisfying requirements of this course, students will have the knowledge of different types of nerve, muscle, synapse, neuromuscular junction.
- *Nervous system*: Students will acquire enhanced knowledge and skills to describe the structure of major centers of brain and explain their role in the maintenance of overall homeostasis.
- *Skin and Body temperature regulation*: Students will be able to understand the histological structure of skin and functions, of body temperature regulation.

DSC1CP Staining, neurological experiments, demonstration

2 credits

- Students shall learn to stain of various nerve and muscle fibres.
- Students will be able to perform, analyse and report on various neurological experiments and kymographic study.

২০১৪

প্রণিপাতেন পরিপ্রশ্নেন সেবয়া

Semester IV

DSC1D

6 credits

DSC1DT Sensory Physiology, Endocrine and Reproductive System, Renal Physiology

4 credits

- *Sensory physiology*: The students will learn about the neural pathway of touch, pressure, pain.
- *Olfaction and gustation*: Students will learn about the structure of sensory organ and pathway of olfaction
- *Audition and equilibrium*: Students will be able to perform auditory pathway
- *Vision*: Students will learn about the visual pathway

- *Endocrinology*: Students will be able to learn anatomy of endocrine system, and the various endocrine glands.
- *Reproductive physiology*: Students will learn histology and function of testis and ovary.
- *Renal physiology*: Students will be able to learn about the structure and function of kidney.

DSC1DP Practical

2 credits

- Students will learn to perform the staining of kidney and uterus

Semester V

DSC1A

6 credits

DSC1AT Sports and work physiology, Ergonomics, Anthropometry

4 credits

- *Sports and work physiology*: Upon the completion of the course student should have a knowledge of sports and work physiology
- *Ergonomics*: The student should b have a knowledge on the basic concepts and its application in industry
- *Anthropometry*: To be able to understand the concepts of anthropometry and its implication in general.

DSE1AP Sports and work physiology, Ergonomics, Anthropometry

2 credits

- The student shall be able to determine various human body indices using direct anthropometric data on human subject and record the variation of cardiovascular parameters like blood pressure and heart rate in static and dynamic work conditions.

২০১৪

প্রতিপাতেন পরিপূর্ণেন সেবয়া

Semester VI

DSC1B

6 credits

DSC1BT Clinical Haematology

4 credits

- Upon the completion of the course students should have a knowledge on anaemia and its classification, haemoglobin, blast cell, homeostasis and coagulation, blood group.

DSE1BP Clinical Haematology Practical

2 credits

- The student will be able to identify various blood cells, staining of blood smear, PCV, RBC Count.