

(B. Pharm)
(Semester - II)

L	T	P	C
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Course Code	BP207P
Course Title	Human Anatomy and Physiology II – Practical

Syllabus:**Total Hours: 60 Hours**

Practical physiology is complimentary to the theoretical discussions in physiology. Practicals allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings. This is helpful for developing an insight on the subject.

1. Introduction to hemocytometry.
2. Enumeration of white blood cell (WBC) count.
3. Enumeration of total red blood corpuscles (RBC) count.
4. Determination of bleeding time.
5. Determination of clotting time.
6. Estimation of hemoglobin content.
7. Determination of blood group.
8. Determination of erythrocyte sedimentation rate (ESR).
9. Determination of heart rate and pulse rate.
10. Recording of blood pressure.
11. Determination of tidal volume and vital capacity, Human spirometer.
12. Study of digestive, respiratory, cardiovascular systems, urinary and reproductive systems with the help of models, charts and specimens.
13. Recording of basal mass index.
14. Study of family planning devices and pregnancy diagnosis test.
15. Demonstration of total blood count by cell analyser.
16. Permanent slides of vital organs and gonads.

L= Lecture, T= Tutorial, P= Practical, C= Credit
