

Government Medical College and Hospital, Nagpur
Department of Pathology
Month February 2021

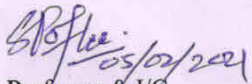
Time table for Bsc PMT Blood Transfusion 1st year students Batch 2020

Subject: - Introduction to transfusion technology, Lab management Paper II

Sr. No.	Topics	faculty
1	Collection and recording of biological specimens, separation of serum plasma preservation and disposal of biological samples/materials	Dr.S.Poflee
2	Introduction to microbiology lab, various types of specimens received	Dr.S.Poflee
3	A knowledge of working and maintenance of the following Incubators, Refrigerators, Water baths, Ovens, Steamers, Autoclaves, Inspissator, Centrifuges, Vaccum Pumps, Water Steel. Cleaning and sterilization of syringes and needles. Sample glasswares.	Dr.A.Khade
4	General principles of Haematology techniques collection, fixation, processing & routine staining, Haemoglobin, TLC, DLC, Peripheral smear, automatic cell counter	Dr.A.Khade

Subject: - Introduction to blood bank, Legal aspects Paper- III

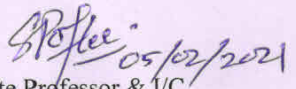
Sr no.	Topic	Name
1	Instruments, equipments used in blood bank. List of instruments and their uses, general care, uses, quality control	Dr.S.Poflee
2	Transfusion reaction and its lab investigations	Dr.A.L Khade


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Time table for Bsc PMT Blood Transfusion 2nd year students Batch 2019
Subject: - Elementary Hematology Paper – III

Sr. No.	Topics	Faculty
1	Collection of capillary & venous blood and anticoagulants	Dr.S.Poflee
2	Estimation of haemoglobin by copper sulphate (CuSO ₄), Sahlis and Cyanmeth Hb method	Dr.A.Khade
3	Estimation of packed cell volume and ESR	Dr.S.Poflee
4	Estimation of total leucocyte count	Dr.A.Khade
5	Preparation, staining and examination of peripheral blood smear	Dr.S.Poflee
6	Estimation of differential leucocyte count and platelet count	Dr.A.Khade


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Time table for Bsc PMT Blood Transfusion 3rd year students Batch 2018

Subject: - Screening, grouping before blood transfusion Paper – II

Sr. No.	Topics	Faculty
1	Blood groups in general, ABO Blood group system & subgroups, and their importance	Dr.S.Poflee
2	Rh, Blood group system Detection of D ^u antigen	Dr.A.Khade
3	Preparation of serum, cell suspension (various percentages) and washing of RBC's , Compatibility test	Dr.S.Poflee
4	Antiglobulin Test (DAT&IAT), Compatibility test in AIHA	Dr.A.Khade

S.Poflee
05/02/2021
Associate Professor & I/C

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