


Sr. No.	Topics	faculty
1	Sterilization: Methods of sterilization and their uses. Chemical, dry heat, steam sterilization, Tyndallization, filtration, sterilization by ultraviolet light.	Associate Prof.
2	Care and use of microscope. Dark ground illumination, fluorescence and microscopy.	Assit. Prof.
3	Laboratory Management and Planning. The reception and recording of specimen, cataloguing and indexing maintenance of laboratory records . Methodology and importance of labeling and registration of sample for various investigations	Associate Prof.

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

Sr no.	Topic	Name
1	Work flow in blood bank a. Component separation and its storage b. Blood serological testing c. Issuing of blood components Transfusion reactions and its lab investigations	Associate Prof.
2	Role of NGO	Assit. Prof.



Associate Professor & I/C

Model Blood Bank

Govt. Medical College Nagpur

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

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

Sr. No.	Topics	Faculty
1	Haemoglobinopathies	Associate Prof. &
	a. Abnormal haemoglobinopathies , thalassaemia & sickle cell anaemia.	Assit. Prof.
	b. Alkali denaturation test	
	c. Test for sickling	
	d. Haemoglobin electrophoresis	
	e. Estimation of plasma haemoglobin	



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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 component therapy	Associate Prof. & Assit. Prof.
2	Preparation of various blood components & their Quality control	Associate Prof. & Assit. Prof.
3	Composition and fractions of plasma	Associate Prof. & Assit. Prof.
4	Indications of blood & blood component transfusion	Associate Prof. & Assit. Prof.
5	Auto logous transfusion	Associate Prof. & Assit. Prof.
6	Organization of blood bank services & FDA Licensing of Blood Bank	Associate Prof. & Assit. Prof.
7	Disposal of infected blood units and other infected material Disposable blood and fluid administration sets—components and Quality control	Associate Prof. & Assit. Prof.

Dr. Jeeva
05/03/2021

Associate Professor & I/C

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