Mahalaxmi Homoeopathic Medical College, Hospital and Research CentreRaigaon, Tal: Satara

Department of Pathology and Microbiology

Dr Ajay Shedge - Academic Teaching Plan 2025-26 CBDC (Agane- Yadav Batch)

Dr Ajay Shedge Practical Plan 2025-26

Practical : -A Batch (Roll No 01 to28) : - Wednesday Time :- 10.30am to 12.30 PM

Practical : -B Batch (Roll No 29 to 56) : - Friday Time :- 10.30am to 12.30 PM

Term I : - (June 2025 to Oct 2025)

Term II :- (Nov 2025-April 2026)

Practicals

Term I

Term I (June 25-Oct 25)			
Sr No	**Date**	**Batch**	**Dr Ajay Shedge Practical Planned**
1.	04.06.25	A	Demonstration of Instruments: - Microscope, Haemoglobinometer, RBC pipette,WBC Pipette Neubauer chamber, ESR Tube- Wintrobe, Western green,Urinometer
2.	06.06.25	B	Demonstration of Instruments: - Microscope, Haemoglobinometer, RBC pipette,WBC Pipette Neubauer chamber, ESR Tube- Wintrobe, Western green,Urinometer
3.	11.06.25	A	Demonstration of Instruments: Petri dish, Inoculating loop Hot air oven, Autoclave, Incubator, Centrifuge, Water bath.
4.	13.06.25	B	Demonstration of Instruments: Petri dish, Inoculating loop Hot air oven, Autoclave, Incubator, Centrifuge, Water bath.
5.	18.06.25	A	Methods of sterilization – Demonstration
6.	20.06.25	B	Methods of sterilization – Demonstration
7.	25.06.25	A	Methods of sterilization – Demonstration
8.	27.06.25	B	Methods of sterilization – Demonstration
9.	02.07.25	A	Estimation of Haemoglobin
10.	04.07.25	B	Estimation of Haemoglobin
11.	09.07.25	A	Estimation of Haemoglobin
12.	11.07.25	B	Estimation of Haemoglobin
13.	16.07.25	A	Total count of Red blood cells
14.	18.07.25	B	Total count of Red blood cells
15.	23.07.25	A	Total count of Red blood cells
16.	25.07.25	B	Total count of Red blood cells
17.	30.07.25	A	Total count of white blood cells.
18.	01.08.25	B	Total count of white blood cells.
19.	06.08.25	A	Total count of white blood cells.
20.	08.08.25	B	Total count of white blood cells.
21.	13.08.25	A	Bleeding time and clotting time
22.	15.08.25	B	HolidayIndependence day
23.	20.08.25	A	Bleeding time and clotting time
24.	22.08.25	B	Blood grouping
25.	27.08.25	A	Holiday Ganesh Chaturthi
26.	29.08.25	B	Common Culture medias- Demonstration
27.	03.09.25	A	Blood grouping
28.	05.09.25	B	Gram Staining

29.	10.09.25	A	Common Culture medias- Demonstration
30.	12.09.25	B	Gram Staining
31.	17.09.25	A	Gram Staining
32.	19.09.25	B	Histopathological slides- Demonstration
33.	24.09.25	A	Histopathological slides- Demonstration
34.	26.09.25	B	Histopathological slides- Demonstration
35.	01.10.25	A	Histopathological slides- Demonstration
36.	03.10.25	B	Histopathological slides- Demonstration
37.	08.10.25	A	Histopathological slides- Demonstration
38.	10.10.25	B	Histopathological slides- Demonstration
39.	15.10.25	A	Pathological Specimen / Model- Demonstration
40.	17.10.25	B	Pathological Specimen / Model- Demonstration
41.	22.10.25	A	Diwali holiday
42.	24.10.25	B	Pathological Specimen / Model- Demonstration
43.	29.10.25	A	Pathological Specimen / Model- Demonstration
44.	31.10.25	B	Pathological Specimen / Model- Demonstration
	Term II (Nov 25-April 26)		
45.	05.11.25	A	Differential count of WBC
46.	07.11.25	B	Differential count of WBC
47.	12.11.25	A	ESR rate- Demonstration
48.	14.11.25	B	ESR rate- Demonstration
49.	19.11.25	A	Staining of Thick and Thin film -Demonstration
50.	21.11.25	B	Staining of Thick and Thin film -Demonstration
51.	26.11.25	A	Staining of Thick and Thin film -Demonstration
52.	28.11.25	B	Staining of Thick and Thin film -Demonstration
53.	03.12.25	A	Acid fast stating – Demonstration
54.	05.12.25	B	Acid fast stating – Demonstration
55.	10.12.25	A	Acid fast stating – Demonstration
56.	12.12.25	B	Acid fast stating – Demonstration
57.	17.12.25	A	Urine examination – Physical, chemical, Microscopical examination.
58.	19.12.25	B	Urine examination – Physical, chemical, Microscopical examination.
59.	24.12.25	A	Urine examination – Physical, chemical, Microscopical examination.
60.	26.12.25	B	Urine examination – Physical, chemical, Microscopical examination.
61.	31.12.25	A	Examination of faeces - Physical, chemical (occult blood) and microscopical for ova and protozoa. – Demonstration
62.	02.01.26	B	Examination of faeces - Physical, chemical (occult blood) and microscopical for ova and protozoa. – Demonstration
63.	07.01.26	A	Examination of faeces - Physical, chemical (occult blood) and microscopical for ova and protozoa. – Demonstration
64.	09.01.26	B	Examination of faeces - Physical, chemical (occult blood) and microscopical for ova and protozoa. – Demonstration
65.	14.01.26	A	Hanging drop preparation – Demonstration
66.	16.01.26	B	Hanging drop preparation – Demonstration
67.	21.01.26	A	Hanging drop preparation – Demonstration
68.	23.01.26	B	Hanging drop preparation – Demonstration
69.	28.01.26	A	Interpretation of laboratory report (Serological, LFT, RFT,

			TFT) and its Clinico-Pathological correlation
70.	30.01.26	B	Interpretation of laboratory report (Serological, LFT, RFT, TFT) and its Clinico-Pathological correlation
71.	04.02.26	A	Interpretation of laboratory report (Serological, LFT, RFT, TFT) and its Clinico-Pathological correlation
72.	06.02.26	B	Interpretation of laboratory report (Serological, LFT, RFT, TFT) and its Clinico-Pathological correlation
73.	11.02.26	A	Interpretation of laboratory report (Serological, LFT, RFT, TFT) and its Clinico-Pathological correlation
74.	13.02.26	B	Common Pathological specimen /models from each system – Demonstration
75.	18.02.26	A	Common Pathological specimen /models from each system – Demonstration
76.	20.02.26	B	Common Pathological specimen /models from each system – Demonstration
77.	25.02.26	A	Common Pathological specimen /models from each system – Demonstration
78.	27.02.26	B	Common Pathological specimen /models from each system – Demonstration
79.	04.03.26	A	
80.	06.03.26	B	
81.	11.03.26	A	
82.	13.03.26	B	
83.	18.03.26	A	
84.	20.03.26	B	
85.	25.03.26	A	
86.	27.03.26	B	
87.	01.04.26	A	
88.	03.04.26	B	
89.	08.04.26	A	
90.	10.04.26	B	
91.	15.04.26	A	
92.	17.04.26	B	
93.	22.04.26	A	
94.	24.04.26	B	
95.	29.04.26	A	

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Department of Pathology

II BHMS (CBDC Course). Academic Teaching Plan 2024-25

(Ahire Batch)

Dr Suryavanshi .

Monday :11.30 to 12.30 pm General and Systemic pathology

Thursday :03.30 to 04.30 pm General and Systemic pathology

Friday :03.30 to 04.30 pm (Microbiology)

Lecture No	Month	Dates	Dr Suryavanshi Theory Topics planned
1.	**August**	**22.08.24**	Introduction to Pathology. Basic definitions of Pathology Branches of Pathology. Contributions of scientist to Pathology. Common terms used in Pathology.
2.		*23.08.24*	*Introduction to Microbiology* *Basic definitions, Important scientist contributions.* *Kochs postulations.* *Microbiota: its Anatomical locations.* *Their role in health and disease.* *Probiotics*
3.		**26.08.24**	Health and disease as per Homoeopathic Philosophy. Aphorism 9 &11. Homoeopathic concept of evolution of disease and cure
4.		**29.08.24**	Cell Injury – Defination, etiology and cellular response to stress and stimuli. Cell adaptation: - Defination, Types with example Atrophy, Hypertrophy
5.		*30.08.24*	*Sterilization and Disinfection: definitions& Methods* *Physical method of sterilization: Hot air Autoclave and Pasteurization*
6.	**September**	**02.09.24**	Hyperplasia, Metaplasia, Dysplasia: Defination, Aetiopathology and example, difference, Morphologic picture
7.		**05.09.24**	Hypertrophy, Metaplasia, Dysplasia: Defination, Aetiopathology and example, difference, Morphologic picture,
8.		*06.09.24*	*Chemical Method of sterilization*
9.		**09.09.24**	Biochemical and Structural changes in Reversible cell injury. Morphology of reversible cell injury Hydropic changes, fatty changes, Mucoid changes
10.		**12.09.24**	Biochemical and Structural changes, morphology of irreversible cell injury. Necrosis- definition, Types, causes, Morphological features with example Coagulative and Liquefactive necrosis – Difference,

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11.		*13.09.24*	*Staining methods of bacteria.* *Bacteria classification on staining method.* *Gram staining*
12.		**16.09.24**	Caseous, fat, fibrinoid necrosis with example. Gangrene Defination, Types, etiopathogenesis, Morphological features of dry, wet, gas gangrene.
13.		**19.09.24**	Difference between dry and wet gangrene. Pathological Calcification, types, etiopathology. Dystrophic calcification and metastatic calcification- Difference with example
14.		***20.09.24***	*Difference between Gram + and -Ve bacteria* *Acid fast staining steps*
15.		**23.09.24**	Apoptosis – Defination, Role in pathologic process with example Intracellular accumulation. Xanthoma, Russels body, Mallory bodies, Brown Atrophy, Heart cellular cells
16.		**26.09.24**	Inflammation- Defination, causes, types, cardinal Signs Acute inflammation – Defination, vascular events .
17.		*27.09.24*	*Culture media. Types*
18.		**30.09.24**	Cellular phase of acute inflammation. Phagocytosis. Chemical mediators of inflammation – List, Role, Source of plasma derived and cell derived mediators
19.	**Oct**	**03.10.24**	Cells participating in acute and chronic inflammation. Giant cells. Systemic effects of inflammation, Outcome of inflammation
20.		*04.10.24*	*Methods used for culture media.* *Anaerobic culture methods.*
21.		**07.10.24**	Chronic inflammation: - Defination, types, features, example. Systemic effects of chronic inflammation Granuloma,
22.		**10.10.24**	, Repair and healing Defination. Process involved in both. Healing by primary and secondary intention. Complications of healing. Factors affecting healing.
23.		*11.10.24*	*Infection and disease., Types, Modes of transmission*
24.		**14.10.24**	Homoeopathic aspect in inflammation. Outcome of inflammation and Miasmatic co-relation. Representation of inflammation in MM and Repertory.
25.		**17.10.24**	Oedema- Defination, Types, Pathogenesis. Difference between Transudate and exudate.
26.		*18.10.24*	*Virulence of microorganism.* *Exotoxins and endotoxins.*
27.		**21.10.24**	Etiopathogenesis of oedema with clinical correlation
28.			**Theory Periodic Exam (23.10.24 to 26.10.24)**
29.			**Diwali vacation (27.10.24 to 10.11.24)**

30.		**24.10.24**	Active hyperemia- Defination, Passive hyperemia/ venous congestion- Defination Mechanism in passive hyperemia of different organs
31.		*25.10.24*	*Classification of infectious disease.* *Nosocomial infection*
32.		**28.10.24**	Active hyperemia- Defination, Passive hyperemia/ venous congestion- Defination Mechanism in passive hyperemia of different organs.
33.		**31.10.24**	Haemorrhage, ecchemosis, haematoma, Purpuras-defination. Shock – Defination. Classification based on Etiology.
34.	*Nov*	*01.11.24*	*Gram Positive bacteria- Staphylococci- Morphology, Virulence, Pathogenesis, Laboratory diagnosis.*
35.		**04.11.24**	Pathogenesis of shock with types. Stages of shock.
36.		**07.11.24**	Thrombosis- Defination, Etio-pathogenesis Morphology of thrombi. Fate of thrombus
37.		*08.11.24*	*Pneumococci: - Morphology, Virulence, Pathogenesis, Laboratory diagnosis.*
38.		**11.11.24**	Embolism- Defination , types Etiopathogenesis of Pulmonary thrombosis. consequences of pulmonary thromboembolism
39.		**14.11.24**	Pathogenesis of fat embolism, Air embolism.
40.		*15.11.24*	*Gram Positive bacteria- Streptococci - Morphology, Virulence, Pathogenicity, Laboratory diagnosis. Sequele,*
41.		**18.11.24**	Pathogenesis of fat embolism, Air embolism.
42.		**21.11.24**	Immunity- Defination, types. Organs and cells of immune system Components, functions, of Innate immunity Adaptive immunity- Defination, Classify, features and examples
43.		*22.11.24*	*Corynebacterium diphtheriae : Morphology, , Pathogenicity, Laboratory diagnosis. Diptheria*
44.		**25.11.24**	Passive immunity, Local immunity, Herd immunity:- features and Mechanism Differences between Primary and Secondary immune response.
45.		**28.11.24**	Mechanism of cell mediated and Heard immunity Define -Antigen, Antibody, Immunoglobulin, Immunoglobulin- Types, classes and their function. Antigen-antibody reactions- Types with examples
46.		*29.11.24*	*Bacillus anthracis: Human anthrax – Morphology, pathogenicity.* *Bacilllus cereus – Clinical manifestation.*
47.	**Dec**	**02.12.24**	Hypersensitivity reactions. Type I &II hypersensitivity reaction- Mechanism with

			example.
48.		**05.12.24**	III and IV hypersensitivity reaction Mechanism with example.
49.		*06.12.24*	*Clostridium Tetani: Morphology, Pathogenesis, clinical manifestation, lab diagnosis .*
50.		**09.12.24**	Autoimmunity- Defination and pathogenesity, autoimmune diseases.
51.		**12.12.24**	Amyloidosis – Defination, Classification, pathogenesity, Staining properties, features in organs.
52.		*13.12.24*	*Clostridium perfungus : Morphology, , clinical manifestation, lab diagnosis*
53.		**16.12.24**	Concept of immunity and hypersensitivity and its correlation with the Homoeopathic concepts of susceptibility
54.		**19.12.24**	Neoplasia- Defination Nomenclature of tumours Classification of tumours
55.		*20.12.24*	*Clostridium botulinum: Morphology, Pathogenicity, lab diagnosis* *Clostridium difficile: Pathogenicity*
56.		**23.12.24**	Neoplasia- Defination Nomenclature of tumours Classification of tumours. Differentiation, Anaplasia.
57.		**26.12.24**	Metastasis- Definition, Routes Lymphatic and Haematogenous spread. Carcinogen and Carcinogenesis -Defination types of carcinogens.
58.		*27.12.24*	*Clostridium botulinum: Morphology, Pathogenicity, lab diagnosis* *Clostridium difficile: Pathogenicity*
59.		**30.12.24**	Sequential stages in chemical, physical, biological Carcinogenesis. Effects of tumour on the host. Paraneoplastic syndromes- Defination Grading and Staging Tumour definition. Miasmatic concept of neoplastic disorder Laboratory diagnosis of tumours.

II Term

Lecture No	Month	Dates	Dr Suryavanshi Theory Topics planned
1.	**Jan**	**02.01.25**	Anaemia- Defination, patho-physiologic classification, morphologic classification. Laboratory investigations for anaemia.
2.		*03.01.25*	*Neisseria gonorrhoea :Morphology, patghogenesis, lab diagnosis*

			Neisseria meningitis :meningococcal infection- morphology, clinical spectrum. *Escherichia coli- morphology, virulence factors ,pathogenicity, syndrome, lab diagnosis.*
3.		**06.01.25**	Iron deficiency Anaemia-Aetio-pathogenesis, laboratory findings Megaloblastic Anaemia-Aetio-pathogenesis, laboratory findings
4.		**09.01.25**	Pernicious Anaemia-Aetio-pathogenesis, laboratory findings. Haemolytic Anaemia- Defination, Classification, laboratory evaluation
5.		*10.01.25*	*Shigelia :-Shigellosis -Pathogenicity,clinical manifestation, lab diagnosis.* *Salmonella – Morphology, antigenic structure, clinical syndrome,* *Pathogenesis and clinical manifestation of enteric fever,lab diagnosis.*
6.		**13.01.25**	Haemoglobinopathies- Classify Sickle cell Anaemia-Aetio-pathogenesis, laboratory finding
7.		**16.01.25**	Thalassemia-Classification, Pathophysiology laboratory findings. Aplastic anaemia- Etiology, laboratory findings
8.		*17.01.25*	*Klebsiella -Klebsiella pneumonia- morphology, pathogenicity, lab diagnosis.* *Proteus – Pathogenicity* *Yersinia- Pathogenicity.*
9.		**20.01.25**	Polycythaemia-Defination, Classify, laboratory features
10.		**23.01.25**	WBC disorders- WBC disorders, Leukopenia, Leukaemoid reaction
11.		*24.01.25*	*Vibrio cholera- morphology, pathogenesis, clinical features lab diagnosis.* *H influenza – disease, lab diagnosis* *Bordetella pertussis- morphology, clinical manifestations, lab diagnosis.*
12.		**27.01.25**	Leukaemias- Classify, aetiology Acute and Chronic Myeloid Leukaemia- laboratory diagnosis.
13.		**30.01.25**	Haemorrhagic disorders, Thrombocytopenia, Thrombocytosis- causes
14.		*31.01.25*	*Brucella :Brucellosios- morphology, pathogenesis, lab diagnosis*
15.	**Feb**	**03.02.25**	Multiple myeloma – Defination, laboratory diagnosis Hodgkin's and Non-Hodgkin's lymphoma
16.		**06.02.25**	Tuberculosis - Primary tuberculosis and Secondary tuberculosis- Differences
17.		*07.02.25*	*Helicobactor pylori- Morphology, pathogenicity, lab diagnosis.*

			Rikettsiae- Human disease. *Chlamydin- disease.*
18.		**10.02.25**	Ghoncomplex,Fate of primary tuberculosis Morphology of Primary and Secondary tuberculosis
19.		**13.02.25**	Pneumonia- classification, morphologic Features. Lobar Pneumonia, bronchopneumonia- morphologic features ,complications of Pneumonia
20.		*14.02.25*	*Mycobacterium tuberculosis – morphology, pathogenesis*
21.		**17.02.25**	Lung abscess- aetiopathogenesis, morphology
22.		**20.02.25**	Obstructive lung diseases- Classification Bronchitis- etio-pathogenesis, morphologic features
23.		*21.02.25*	*Pathology of primary TB. And secondary TB.* *Lab diagnosis of TB*
24.		**24.02.25**	Emphysema- Defination, EtiopathogenesisMorphologic features
25.		**27.02.25**	Bronchial Asthma - Classification , morphologic features Extrinsic Asthma and Intrinsic Asthma-Differences Bronchiectasis- Defination, aetiopathogenesis, morphology
26.		*28.02.25*	*Mycobacterium leprae- Morphology ,pathology,*
27.	**March**	**03.03.25**	Pneumoconiosis- Classification . Aetio-pathogenesis Lung cancer - aetiology, morphology, spread
28.		**06.03.25**	Stomatitis and Glossitis – Defination Oral leukoplakia- aetiology, morphologic Features
29.		*07.03.25*	*Difference between lepromatous and Tuberculoid leprosy .* *Lab diagnosis of Mycobacterium leprae.* *Lepromin test ,*
30.		**10.03.25**	Reflux oesophagitis- aetiopathogenesis. Barrett oesophagus- aetiopathogenesis &morphology Carcinoma oesophagus- aetiology, morphology and spread
31.		**13.03.25**	Gastritis-Classification, aetiopathogenesis Peptic ulcer- aetiopathogenesis, morphology, complications Gastric ulcer and duodenal ulcers- Differences.
32.		*14.03.25*	*Spirochetes:Treponema pallidum morphology.* *Pathogenesis and clinical features of syphilis*
33.		**17.03.25**	Gastric carcinoma- aetiology, morphology, spread of gastric carcinoma.
34.		**20.03.25**	Acute appendicitis - etiopathogenesis, morphology Inflammatory bowel disease-aetiology
35.		*21.03.25*	*Non venereal treponematoses- forms, features* *Endemic syphilis – features.*

			Yaws and pinta- features
36.		**24.03.25**	Crohn's disease & Ulcerative colitis -aetio-pathogenesis, Morphologic features , differences, complications
37.		**27.03.25**	Colorectal cancer- morphology , spread,Pathology. Intestinal tuberculosis
38.		*28.03.25*	*Leptospira – Morphology, pathogenicity ,* *Leptospirosis -Clinical manifestations.* *Borrelia- Types, disease caused by it.*
39.		**31.03.25**	Liver Function Tests- clinical significance.
40.	**April**	**03.04.25**	Jaundice- Defination, Classification. Cholestatisis
41.		*04.04.25*	*Diagnosis procedure in Microbiology*
42.		**07.04.25**	Alcoholic Liver Disease – pathogenesis, morphology. Liver Cirrhosis – Classify, aetiology, aetiology
43.		**10.04.25**	Hepatocellular Carcinomas- aetiology, morphology. Cholelithiasis- types, Risk factors pathogenesis
44.		*11.04.25*	*Diagnosis procedure in Microbiology*
45.		**14.04.25**	Acute and chronic pancreatitis- aetio pathogenesis, pathogenesis
46.		**17.04.25**	Diabetes Mellitus- aetiologic classification Type I and II- Pathogenesis. laboratory diagnosis Metabolic Complications- Acute and chronic
47.		**18.04.25**	Nephrolithiasis, morphology, Urinary tract infections: Acute Pyelonephritis, ureteritis, Cystitis, Urethritis
48.		**21.04.25**	Arteriosclerosis- Defination, types. Atherosclerosis:Defination, Etiology, Pathogenesis Morphologic features
49.		**24.04.25**	Hypertension: Defination, aetiologic Classification. Primary and Secondary Hypertension: - Etiopathogenesis
50.		**25.04.25**	Renal Cell Carcinoma, Wilm's tumour
51.		**28.04.25**	Major effects of systemic hypertension on the organs Aneurysm: Classification, clinical effects
52.	**May**	**01.05.25**	Benign and Malignant Tumours of blood vessels. Lymphangitis Defination.
53.		**02.05.25**	Orchitis, Epididymitis, Prostatitis Benign nodular hyperplasia of prostate Testicular Tumors:
54.		**05.05.25**	Ischaemic Heart Disease- Definition, etio-pathogenesis, effects.
55.		**08.05.25**	Angina Pectoris: Definition, Stable angina, Prinzmetal's variant, Unstable or Crescendo angina
56.		**09.05.25**	Cervicitis, Endometritis

			Leiomyomas:- morphology Adenomyosis
57.		**12.05.25**	Myocardial Infarction- Aetiopathogenesis, Macro and microscopic changes , Diagnosis
58.		**15.05.25**	Rheumatic heart disease Definition, Aetiopathogenesis, Cardiac and extracardiac lesions. diagnostic criterion of Rheumatic heartdisease.
59.		**16.05.25**	Ovarian Tumors- cell tumors, serous tumors, mucinous tumors
60.		**19.05.25**	Infective Endocarditis- defination. Aetiopathogenesis. Morphological changes, Duke criteria for diagnosis of Infective endocarditis
61.		**22.05.25**	Pericardial effusion and pericarditis
62.		**23.05.25**	Fibroadenoma breast Carcinoma Breast- Etiology, morphologic features
63.		**26.05.25**	Renal function tests. Glomerular disease:-Nephrotic syndrome;Causes , Featuers. Acute nephritic syndrome- Etiology clinical features , Difference between Nephrotic and nephritis syndrome
64.		**29.05.25**	Acute poststreptococcal glomerulonephritis
65.		**30.05.25**	Squamous cell carcinoma- and Basal cell carcinoma (Rodent ulcer) :- Pre- disposing factors, morphologic features. Lipoma.

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Dr Ajay Shedge (Parasitology, Virology)
Tuesday: 9.30 to 10.30 am
Friday: 09.30 to 10.30 am

Lecture No	Month	Dates	Dr Shedge Theory Topics Planned
1.	August 24	20.08.24	General Introduction, Introduction to Pathology.
2.		23.08.24	Parasitology. Definition of Host, Parasite. Types of parasites and host.
3.		27.08.24	Host parasite relationship Symbiosis, commensalism, Parasitism
4.		30.08.24	Protozoans: - Entamoeba histolytica- Morphology Life cycle,
5.	September 24	03.09.24	Protozoans: - Entamoeba histolytica-clinical manifestations.
6.		06.09.24	Difference between Amoebic and bacillary dysentery.
7.		10.09.24	Lab diagnosis of Amoebiasis
8.		13.09.24	Giardia lamblia- Morphology, Life cycle.
9.		17.09.24	Giardia lamblia- Pathogenicity, clinical features.
10.		20.09.24	Trichomonas vaginalis- Morphology, Lifecycle, Pathogenesis.
11.		24.09.24	Plasmodium Species – Life cycle, Pathogenesis.
12.		27.09.24	Plasmodium Species –Malaria -Clinical features , Lab diagnosis
13.	October 24	01.10.24	Toxoplasma gondii- Mode of transmission, Pathogenesis.
14.		04.10.24	Human Toxoplasmosis - Clinical features, lab diagnosis.
15.		08.10.24	Trypanosoma Brucei:Life cycle,
16.		11.10.24	Trypanosomiasis - Pathogenicity, clinical features, lab diagnosis
17.		15.10.24	Trypanosoma Cruzi: morphology, Life cycle, Pathogenicity
18.		18.10.24	Chagas disease- Clinical features, Lab diagnosis.
19.		22.10.24	Leishmania donovani: Morphology, Life cycle, Pathogenicity.
20.		25.10.24	Leishmaniasis- Clinical features. Lab diagnosis.
21.		29.10.24	Diwali Vacation
22.	Nov 24	01.11.24	Diwali Vacation
23.		05.11.24	Diwali Vacation
24.		08.11.24	Diwali Vacation
25.		12.11.24	Introduction to virology:
26.		15.11.24	Morphology of virus.
27.		19.11.24	Viral replications – Steps
28.		22.11.24	Viral inclusion bodies
29.		26.11.24	Pathogenesis of viral infection
30.		29.11.24	Lab diagnosis of viral infection

31.	**Dec 24**	**03.12.24**	**Classification of virus based on type of nucleic acid.**
32.		**06.12.24**	**Virus Host interactions**
33.		**10.12.24**	**Bacteriophages- Morphology** **Significance of bacteriophage in medical microbiology**
34.		**13.12.24**	**Helminths** – Cestodes Echinococcus granulosis – Morphology
35.		**17.12.24**	**Helminths** – Cestodes Echinococcus granulosis – Life cycle, Pathogenesis.
36.		**20.12.24**	**Hydatid disease – Clinical features. Lab diagnosis**
37.		**24.12.24**	**Helminths** – Cestodes Taenia Saginata Morphological,Life cycle
38.		**27.12.24**	**Helminths** –Taenia solium: Life cycle
39.		**31.12.24**	Taenia Saginata and Taenia solium: Morphological difference

Term II

1.	**January 25**	**03.01.25**	**Taeniasis- Pathogenicity, clinical features. Lab diagnosis**
2.		**07.01.25**	**Helminths Trematodes :** Paragonimuswestermani- Morphology, life cycle.
3.		**10.01.25**	**Helminths Trematodes :**Pathogenicity. Clinical features, Lab diagnosis.
4.		**14.01.25**	**Helminths Trematodes:** Schistosoma haematobium:Morphology, Life cycle. Bilharziasis-Clinical features . Lab diagnosis
5.		**17.01.25**	**Helminths Trematodes:** Fasciola hepatica: Morphology, Life cycle. Fascioliasis- Pathogenicity
6.		**21.01.25**	**Helminths Nematodes:** Ankylostoma duodenale- Morphology, Life cycle. **Hook worm infection- Pathogenicity and clinical features, lab diagnosis.**
7.		**24.01.25**	**Helminths Nematodes:** Ascaris Lumbricoid: Morphology, Life cycle, Ascariasis – Pathogenicity and clinical features, Lab diagnosis
8.		**28.01.25**	**Helminths Nematodes:** Enterobius vermicularis- Morphology, Lief cycle. Enterobiasis – Pathogenicity, clinical features
9.		**31.01.25**	**Helminths Nematodes:**Strongyloidesstercoralis:- Morphology, disease caused by it.
10.	**Feb 25**	**04.02.25**	**Helminths Nematodes:**Trichuristruchura-

			Morphology, Life cycle, Pathogenicity ,Lab diagnosis
11.		**07.02.25**	**Helminths Nematodes: Filarial Nematode – Wucheria Bancrofti: Morphology, Life cycle, Pathogenesis, Wuchereriasis – Lab Diagnosis**
12.		**11.02.25**	**Helminths Nematodes: Filarial Nematode** – Brugiamalayi- Pathogenesis . **Loa loa – Pathoghenesis**
13.		**14.02.25**	**Onchocera Volvulus : Pathogenesis. Dracunculus Medinesis :- Pathogenesis.**
14.		**18.02.25**	**Homoeopathic concept in parasitic infections. Application of Homoeopathic concepts in management of parasitic infections.**
15.		**21.02.25**	**DNA Virus:**Pox Viruses and their infections to humans. Molluscum contagiosum- Clinical features.
16.		**25.02.25**	**DNA Virus:**Popava virus – Human papillomavirus – Disease caused by it
17.		**28.02.25**	**DNA Virus** - Herpes simplex virus **Pathogenesis, Herpes simplex viral infection- Clinical features, Lab diagnosis.**
18.	**March 25**	**04.03.25**	**DNA Virus** - Herpes virus- Varicela zoster – Pathogenesis. Lab diagnosis Chicken pox – Clinical manifestations, complications.
19.		**07.03.25**	**Herpes zosteror shingles – Pathogenesis**
20.		**11.03.25**	**DNA virus herpes virus- Cytomegalo virus – Morphology, Clinical features, Lab diagnosis.**
21.		**14.03.25**	**DNA virus , Herpes virus – Human herpes virus- Varients, Clinical features.**
22.		**18.03.25**	**DNA virus , Herpes virus – Epstein Barr virus – Clinical conditions, Pathogenesis, Lab diagnosis,**
23.		**21.03.25**	**DNA virus adenovirus – Pathogenicity , clinical features**
24.		**25.03.25**	**DNA virus, Hepadna virus – Hepatitis B virus – Morphology, Mode of transmission, Pathogenesis. Clinical features.**
25.		**28.03.25**	**Hepatitis B virus- Clinical features, lab diagnosis.**
26.	**April 25**	**01.04.25**	**RNA Virus** – Orthomyxovirus Influenza virus- Morphology, Pathogenesis, clinical features, Lab diagnosis
27.		**04.04.25**	RNA Virus :- Paramyxovirus: Mumps-

			Morphology, Clinical features, complications, Lab Diagnosis,
28.		**08.04.25**	**RNA** Paramyxovirus: Measles – Morphology, Pathogenesis, Clinical features, complications, Lab diagnosis.
29.		**11.04.25**	**RNA** Paramyxovirus: Rubella – Morphology, Clinical features,Lab diagnosis Congenital Rubella syndrome- features.
30.		**15.04.25**	**RNA** Paramyxovirus: Respiratory syncytial Virus- Morphology, Clinical features
31.		**18.04.25**	**RNA** Paramyxovirus:Corona virus – Morphology, Types, Coronal Virus disease- Clinical features, Lab Diagnosis
32.		**22.04.25**	**RNA Virus-Rhabdo Virus-Rabies virus-Rabies Morphology, Pathogenicity, clinical stages, Lab Diagnosis.**
33.		**25.04.25**	**RNA Virus- Picorna virus- Polio Virus-Morphology, Polio- Pathogenesis, clinical features, Lab diagnosis**
34.		**29.04.25**	**RNA Virus- Arbovirus – General features. Dengue- Types, Pathogenesis and clinical classification, Lab diagnosis.**
35.	**May 25**	**02.05.25**	**RNA Virus- Arbovirus- Chikungunya virus- Clinical features, lab diagnosis.**
36.		**06.05.25**	**RNA Virus- Arbovirus-Yellow fever - clinical features,**
37.		**09.05.25**	**RNA Virus- Arbovirus- Japanese Encephalitis. -Clinical feature,**
38.		**13.05.25**	**RNA Virus- Retro virus-HIV- Morphology, Major antigen, Pathogenesis, Clinical features, Confirmatory test for diagnosis of HIV and AIDS.**
39.		**16.05.25**	**RNA Virus- Hepatitis Virus – Hepatitis A Virus – Morphology, Pathogenesis, clinical features, lab diagnosis,**
40.		**20.05.25**	**RNA Virus- Hepatitis Virus- comparative features of viral hepatitis types- C, D E**
41.		**23.05.25**	**RNA Virus- Hepatitis Virus- comparative features of viral hepatitis types- C, D E**
42.		**27.05.25**	**Factors of Emerging and reemerging infectious disease.**
43.		**30.05.25**	**Emerging diseases in India**

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Department of Pathology
Academic Teaching Plan 2024-25 CBDC BATCH - II BHMS CBDC (Ahire Batch)

Dr Ajay Shedge Practical – Final Practical planning
Wednesday- A Batch 10.30 to 12.30 pm
Friday - B Batch 10.30 to 12.30 pm

Sr No	Month	Dates	Batch	Dr Ajay Shedge Practical Planned
1.	August	21.08.24	A+ B	Demonstration of Instruments: -instruments: Microscope,Haemoglobinometer,RBC pipette,WBC PipetteNeubauer chamber,ESR Tube- Wintrobe, Western green,Urinometer
2.		23.08.24	A+B	Demonstration of Instruments: Petri dish, Inoculating loop Hot air oven, Autoclave, Incubator, Centrifuge, Water bath.
3.		28.08.24	A	Demonstration of Method of Sterilization
4.		30.08.24	B	Demonstration of Method of Sterilization
5.	Sep	04.09.24	A	Estimation of Hemoglobin
6.		06.09.24	B	Estimation of Hemoglobin
7.		11.09.24	A	**Holiday Gauri Poojan**
8.		13.09.24	B	Total count of RBC
9.		18.09.24	A	Total count of RBC
10.		20.09.24	B	Total count of WBC
11.		25.09.24	A	Total count of WBC
12.		27.09.24	B	Bleeding time and clotting time
13.	Oct	02.10.24	A	Gandhi Jayanti Holiday
14.		04.10.24	B	Blood Grouping
15.		09.10.24	A	Blood Grouping
16.		11.10.24	B	Demonstration of culture medias
17.		16.10.24	A	Demonstration of culture medias
18.		18.10.24	B	Gram staining
19.		23.10.24	A	**Theory Periodic Exam (23.10.24 to 26.10.24)**
20.		25.10.24	B	**Theory Periodic exam**
21.		30.10.24	A	**Diwali Holiday**
22.	Nov	01.11.24	B	**Diwali Holiday**
23.		06.11.24	A	**Diwali Holiday**
24.		08.11.24	B	**Diwali Holiday**
25.		13.11.24	A	**Periodic exam Viva**
26.		15.11.24	B	**Periodic exam Viva**
27.		20.11.24	A	Gram Staining
28.		22.11.24	B	Gram staining
29.		27.11.24	A	Gram Staining
30.		29.11.24	B	Gram Staining
31.	Dec	04.12.24	A	Demonstration of Histopathological slides
32.		06.12.24	B	Demonstration of Histopathological slides
33.		11.12.24	A	Demonstration of Histopathological slides
34.		13.12.24	B	Demonstration of Histopathological slides
35.		18.12.24	A	Demonstration of Pathological specimen/ Model
36.		20.12.24	B	Demonstration of Pathological specimen/ Model
37.		25.12.24	A	Holiday Christmas
38.		27.12.24	B	Demonstration of Pathological specimen/ Model
39.	Jan	01.01.25	A	Demonstration of Pathological specimen/ Model
40.		03.01.25	B	Differential count
41.		08.01.25	A	Differential count
42.		10.01.25	B	Differential count
43.		15.01.25	A	Differential count
44.		17.01.25	B	ESR demonstration
45.		22.01.25	A	ESR demonstration

46.		24.01.25	B	ESR demonstration
47.		29.01.25	A	ESR demonstration
48.		31.01.25	B	Urine examination- Physical, chemical and microscopic examination
49.	Feb	05.02.25	A	Urine examination- Physical, chemical and microscopic examination
50.		07.02.25	B	Urine examination- Physical, chemical and microscopic examination
51.		12.02.25	A	Urine examination- Physical, chemical and microscopic examination
52.		14.02.25	B	Examination of faeces- demonstration (Physical, chemical (Occult blood) and microscopical for ova and protozoa)
53.		19.02.25	A	Examination of faeces- demonstration (Physical, chemical (Occult blood) and microscopical for ova and protozoa)
54.		21.02.25	B	Examination of faeces- demonstration (Physical, chemical (Occult blood) and microscopical for ova and protozoa)
55.		26.02.25	A	Examination of faeces- demonstration (Physical, chemical (Occult blood) and microscopical for ova and protozoa)
56.		28.02.25	B	Hanging drop preparation- demonstration
57.	March	05.03.25	A	Hanging drop preparation- demonstration
58.		07.03.25	B	Hanging drop preparation- demonstration
59.		12.03.25	A	Hanging drop preparation- demonstration
60.		14.03.25	B	Staining of thin and thick films
61.		19.03.25	A	Staining of thin and thick films
62.		21.03.25	B	Staining of thin and thick films
63.		26.03.25	A	Staining of thin and thick films
64.		28.03.25	B	Acid fast staining -demonstration
65.	April	02.04.25	A	Acid fast staining -demonstration
66.		04.04.25	B	Acid fast staining -demonstration
67.		09.04.25	A	Acid fast staining -demonstration
68.		11.04.25	B	Interpretation of laboratory reports
69.		16.04.25	A	Interpretation of laboratory reports
70.		18.04.25	B	Interpretation of laboratory reports
71.		23.04.25	A	Interpretation of laboratory reports
72.		25.04.25	B	Interpretation of laboratory reports
73.		30.04.25	A	Demonstration of common Pathological specimen/ Model from each system
74.	May 25	02.05.25	B	Demonstration of common Pathological specimen/ Model from each system
75.		07.05.25	A	Demonstration of common Pathological specimen/ Model from each system
76.		09.05.25	B	Demonstration of common Pathological specimen/ Model from each system
77.		14.05.25	A	Demonstration of common Pathological specimen/ Model from each system
78.		16.05.25	B	Demonstration of common Pathological slides from each system
79.		21.05.25	A	Demonstration of common Histopathological slides from each system
80.		23.05.25	B	Demonstration of common Histopathological slides from each system
81.		28.05.25	A	Demonstration of common Histopathological slides from each system
82.		30.05.25	B	Demonstration of common Histopathological slides from each system

Common Equipment- Haemoglobinometer, RBC pipette, WBC pipette, Neubauer's chamber, ESR tubes: (Wintrobe, Westergren), Urinometer, Hot air oven, Autoclave, Incubator, Petri dish, Centrifuge, Water bath, Inoculating loop etc.
Latest Equipment-Auto analyzer, Cell counter, ELISA reader etc.

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Department of Pathology
II BHMS (CBDC Course). Academic Teaching Plan 2024-25
(Ahire Batch)

Month	Dr Rohit Suryavanshi Pathology(General and Systemic)	Dr Rohit Suryavanshi (Microbiology)	Dr Ajay Shedge (Parasitology, Virology)
Aug 24	**Introduction** to Pathology. Basic definitions. **Cell injury and adaptation:** Hypertrophy, Metaplasia, Dysplasia: cell injury: Reversible and irreversible changes Necrosis, Gangrene, calcification, Apoptosis	**Introduction to Microbiology.** Definitions.Normal Human microbiota and its Anatomical locations.Their role in health and disease.Probiotics.**Sterilization and Disinfection:** Physical and Chemical Sterilization.Pasteurization	**Introduction to Parasitology**-Symbiosis, Commensalism, Parasitism:Parasite & Host: Definition, types, Example Host parasite relationship Parasitology**Protozoan**:Enta moebahistolytica.Giardia Lamblia.
Sep 24	**Inflammation and Repair:**Defination Acute and chronic inflammation Repair and healing. Co- relationship with MM and repertory	**Culture media and methods. Infection and disease**: Defination -Infection, Pathogen, Pathogenesis, pathogenicity, Virulence, Infectious disease. **Infections**: - Types, sources methods of transmission. Exotoxins and Endotoxins. Classification of infectious diseases.Human Microbiome.	**Protozoan: Protozoans: - Entamoeba histolytica Amoebic and bacillary dysentery.** Giardia lamblia Trichomonas vaginalis. Plasmodium species: Malaria
Oct 24	**Haemodynamic disorder:**Oedema-causes, Types,Pathogenesis with examples.Hyperemia – CVC.Shock- types and causes.Thrombosis Embolism	**Gram Positive bacteria**: Staphylococci aureus Pneumococci Streptococcus pyogenes Streptococcus pyogenes	Toxoplasma gondii Toxoplasma gondii Trypanosoma brucei: Trypanosoma Cruzi- Leishmania donovani:
Nov 24	**Immunopathology: Immunity**- types with pathophysiology and example .Autoimmunity Immunity andHypersensitivity and its co-relations with usceptibility **Environment and Nutritional disease:**Obesity, PEM Kwashiorkor and MarasmusVitamin deficiency	**Gram Positive bacteria** Bacillus anthracis: Bacillus cereus	**Virus:**-Introduction, Structure, Morphology
Dec 24	**Neoplasia:** Defination,Nomenclature Classification of tumour. Benign and malignant tumor-difference Metastasis ,Carcinogen Miasmatic concept	**Gram Positive bacteria:** Clostridium perfringens, botulinum, Difficile	**Helminth :** Cestodes Taenia Saginata and Taenia solium

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Term II

Month	Dr Suryavanshi (Patho General and systemic)	Dr Suryavanshi (Microbiology)	Dr Shedge (Parasitology, Virology)
Jan 25	**Diseases of haemopoietic system bone marrow and blood:** Anaemia: -Types, causes, Lab Investigation, Morphological investigations	**Gram negative bacterias** Neisseria gonorrhoeae: Escherichia coli Shigella Salmonellae, Enteric fever Klebsiella Proteus	**Helminths Cestodes:**Echinococcus granulosis. Hydatid disease Taenia Saginata and Taenia solium. **Helminths Trematodes :** Paragonimuswestermani. Schistosoma: haematobium: Fasciola hepatica: **Helminths Nematodes :** Ankylostoma duodenale.
Feb 25	**Diseases of Resp System Diseases of Oral cavity,** Salivary gland, Diseases of Gastrointestinal Tract	**Gram negative bacterias** Yersinia pestis Pseudomonas Aeruginosa Bordetella pertussis Brucellosis Helicobacter pylori Rickettsiae	**Helminth Nematodes-** Ascaris Lumbricoid: -Enterobius vermicularis -Enterobius's. Nematodes Strongyloidesstercoralis: Trichuristruchura- Helminths Nematodes: Filarial Nematode – Wucheria Bancrofti, Brugiamalayi. **Onchocera Volvulus ,Dracunculus Medinesis.** Homoeopathic concepts and management of parasitic infections **DNA Virus:**Pox Viruses, Popava virus -Human Papilloma virus.
March 25	**Diseases of liver, GB, Biliary ducts,Disease of pancreas Diseases of blood vessels and lymphatics**	**Acid fast Bacteria:** Mycobacterium tuberculosis. Mycobacterium leprae. Lepromin test Lepromatous and Tuberculoid leprosy	**DNA Virus:**Herpes simplex virusVaricella zoster, Cytomegalovirus Human Herpes virus: Epstein-Barr virus Adenoviruses Hepadna virus- Hepatis B
April 25	**Diseases of CVS Diseases of Kidney and lower urinary tract**	**Spirochetes:**Treponemapallidum:Syphilis.Non venerealtreponematoses. Yaws, Pinta.Borrelia. Leptospira	**RNA Virus:**Orthomyxovirus InfluenzaVirus,Paramyxoviruses:Mumps, Measles.Rubella virus,Respiratory syncytial virus.Corona virus diseaseRhabdovirus.Picorna virus.Arboviruses
May 25	**Diseases of male reproductive**	**Diagnosis procedure in**	**RNA**

	system and prostate.Diseases of female genitalia and breast. Diseases of Skin and soft tissue.Diseases of MSS.	**Microbiology**	**Virus:**Chikungunyavirus.Arbo virus: Yellow fever: Japanese encephalitis.Retro virus – HIV.Hepatitis virus – Hepatitis A, B,C,D,E, L Mycology

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Aug 24	**Introduction** to Pathology. Basic definitions. **Cell injury and adaptation:** Hypertrophy, Metaplasia, Dysplasia: cell injury: Reversible and irreversible changes Necrosis, Gangrene, calcification, Apoptosis	**Introduction to Microbiology**. Definitions.Normal Human microbiota and its Anatomical locations.Their role in health and disease.Probiotics.**Sterilization and Disinfection:** Physical and Chemical Sterilization.Pasteurization	**Introduction to Parasitology**-Symbiosis, Commensalism, Parasitism:Parasite & Host: Definition, types, Example Host parasite relationship Parasitology**Protozoan**:Entamoebahistolytica.Giardia Lamblia.
Sep 24	**Inflammation and Repair:**Defination Acute and chronic inflammation Repair and healing. Co- relationship with MM and repertory	**Culture media and methods.** **Infection and disease**: Defination -Infection, Pathogen, Pathogenesis, pathogenicity, Virulence, Infectious disease. **Infections**: - Types, sources methods of transmission. Exotoxins and Endotoxins. Classification of infectious diseases.Human Microbiome.	**Protozoan**: **Protozoans: - Entamoeba histolytica** **Amoebic and bacillary dysentery.** Giardia lamblia Trichomonas vaginalis. Plasmodium species: Malaria
Oct 24	**Haemodynamic disorder:**Oedema-causes, Types,Pathogenesis with examples.Hyperemia – CVC.Shock- types and causes.Thrombosis Embolism	**Gram Positive bacteria**: Staphylococci aureus Pneumococci Streptococcus pyogenes Streptococcus pyogenes	Toxoplasma gondii Toxoplasma gondii Trypanosoma brucei: Trypanosoma Cruzi- Leishmania donovani:
Nov 24	**Immunopathology:** **Immunity-** types with pathophysiology and example .Autoimmunity Immunity andHypersensitivity and its co-relations with usceptibility **Environment and Nutritional disease:**Obesity, PEM Kwashiorkor and MarasmusVitamin deficiency	**Gram Positive bacteria** Bacillus anthracis: Bacillus cereus	**Virus:**-Introduction, Structure, Morphology
Dec 24	**Neoplasia:** Defination,Nomenclature Classification of tumour. Benign and malignant	**Gram Positive bacteria:** Clostridium perfringens, botulinum, Difficile	**Helminth :** Cestodes Taenia Saginata and Taenia solium

	tumor- difference Metastasis ,Carcinogen Miasmatic concept		

Term II

Month	Dr Suryavanshi (Patho General and systemic)	Dr Suryavanshi (Microbiology)	Dr Shedge (Parasitology, Virology)
Jan 25	**Diseases of haemopoietic system bone marrow and blood:** Anaemia: -Types, causes, Lab Investigation, Morphological investigations	**Gram negative bacterias** Neisseria gonorrhoeae: Escherichia coli Shigella Salmonellae, Enteric fever Klebsiella Proteus	**Helminths** **Cestodes:**Echinococcus granulosis. Hydatid disease Taenia Saginata and Taenia solium. **Helminths Trematodes :** Paragonimuswestermani. Schistosoma: haematobium: Fasciola hepatica: **Helminths Nematodes :** Ankylostoma duodenale.
Feb 25	**Diseases of Resp System** **Diseases of Oral cavity,** Salivary gland, Diseases of Gastrointestinal Tract	**Gram negative bacterias** Yersinia pestis Pseudomonas Aeruginosa Bordetella pertussis Brucellosis Helicobacter pylori Rickettsiae	**Helminth Nematodes-** Ascaris Lumbricoid: -Enterobius vermicularis -Enterobius's. Nematodes Strongyloidesstercoralis: Trichuristruchura- Helminths Nematodes: Filarial Nematode – Wucheria Bancrofti, Brugiamalayi. **Onchocera Volvulus ,Dracunculus Medinesis.** Homoeopathic concepts and management of parasitic infections **DNA Virus:**Pox Viruses, Popava virus -Human Papilloma virus.
March 25	**Diseases of liver, GB, Biliary ducts,Disease of pancreas** **Diseases of blood vessels and lymphatics**	**Acid fast Bacteria:** Mycobacterium tuberculosis. Mycobacterium leprae. Lepromin test Lepromatous and Tuberculoid leprosy	**DNA Virus:**Herpes simplex virusVaricella zoster, Cytomegalovirus Human Herpes virus: Epstein-Barr virus Adenoviruses Hepadna virus- Hepatis B
April	**Diseases of CVS**	**Spirochetes**:Treponemapallid	**RNA**

25	**Diseases of Kidney and lower urinary tract**	um:Syphilis.Non venerealtreponematoses. Yaws, Pinta.Borrelia. Leptospira	**Virus:**Orthomyxovirus InfluenzaVirus,Paramyxovirus:Mumps, Measles.Rubella virus,Respiratory syncytial virus.Corona virus diseaseRhabdovirus.Picorna virus.Arboviruses
May 25	**Diseases of male reproductive system and prostate.Diseases of female genitalia and breast. Diseases of Skin and soft tissue.Diseases of MSS.**	**Diagnosis procedure in Microbiology**	**RNA Virus:**Chikungunyavirus. Arbo virus: Yellow fever: Japanese encephalitis.Retro virus – HIV.Hepatitis virus – Hepatitis A, B,C,D,E, L Mycology

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