


K V G MEDICAL COLLEGE, SULLIA

Department of Biochemistry

Teaching Schedule for I MBBS 2022-23 batch


Dr. Shivaraja Shankara Y M

Sl.No	Date	Teaching Method	Topic
1.	04/01/2023	Lecture	Chemistry of lipids
2.	06/01/2023	Lecture	Chemistry of lipids
3.	07/01/2023	Lecture	Chemistry of proteins
4.	12/01/2023	Lecture	Chemistry of proteins
5.	13/01/2023	Lecture	Chemistry of proteins
6.	14/01/2023	Lecture	Chemistry of proteins
7.	19/01/2023	Lecture	Chemistry of proteins
8.	20/01/2023	Lecture	Chemistry of proteins
9.	21/01/2023	Lecture	Cell & subcellular organelle
10.	27/01/2023	Lecture	Cross membrane transport system
11.	28/01/2023	Lecture	Plasma membrane transport system
12.	01/02/2023	Lecture	Enzymes
13.	01/02/2023	SGT	Instruction on analysis of normal urine - inorganic constituents
14.	02/02/2023	Lecture	Plasma proteins
15.	03/02/2023	SGT	Instruction organic constituents of urine
16.	04/02/2023		Plasma proteins & Immunoglobulins
17.	07/02/2023	SGT	Analysis of normal constituents in urine - inorganic constituents
18.	08/02/2023	SGT	Analysis of normal constituents in urine - inorganic constituents
19.	17/02/2023	Lecture	Electrophoresis
20.	23/02/2023	Lecture	Chromatography
21.	24/02/2023	Lecture	Chromatography
22.	25/02/2023	Lecture	Chemistry of nucleic acid
23.	27/02/2023	SGT	Practical - analysis of abnormal constituents in urine
24.	02/03/2023	Lecture	Chemistry of nucleic acids
25.	03/03/2023	SGT	Analysis of abnormal constituent in urine
26.	03/03/2023	Lecture	Digestion & absorption of macromolecules carbohydrates
27.	03/03/2023	SGT	Analysis of abnormal constituent in urine
28.	08/03/2023	Lecture	Absorption of lipids
29.	09/03/2023	Lecture	Digestion & absorption of proteins
30.	09/03/2023	SGT	ECE-2 Multiple myeloma
31.	25/03/2023	Lecture	Carbohydrates metabolism


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32.	27/03/2023	SGT	Instruction – Spectrophotometer
33.	28/03/2023	SGT	Instruction – Spectrophotometer
34.	30/03/2023	Lecture	Protein metabolism
35.	31/03/2023	Lecture	Protein metabolism
36.	06/04/2023	Lecture	Protein metabolism
37.	07/04/2023	Lecture	Protein metabolism
38.	08/04/2023	Lecture	Protein metabolism
39.	11/04/2023	SGT	Practical estimation of glucose by GOD-POD method
40.	17/04/2023	SGT	Practical estimation of glucose by GOD-POD method
41.	18/04/2023	SGT	Repetition of plasma glucose estimation by GOD-POD method
42.	21/04/2023	Lecture	Lipid metabolism
43.	21/04/2023	SGT	ECE 4 Glucose tolerance test(GTT)
44.	27/04/2023	Lecture	Lipid metabolism
45.	28/04/2023	SGT	Instructions on estimation of blood urea by Urease, GLDH method
46.	29/04/2023	Lecture	Lipid metabolism
47.	04/05/2023	SGT	Seminars: G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
48.	05/05/2023	SGT	Seminars: G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
49.	05/05/2023	SGT	Seminars: G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
50.	12/05/2023	SGT	EC5 –Applied aspects of protein metabolism
51.	13/05/2023	Lecture	Nucleotide metabolism
52.	18/05/2023	Lecture	Nucleotide metabolism
53.	23/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) -instructions
54.	24/05/2023	Lecture	Nucleotide metabolism
55.	26/05/2023	Lecture	Biological oxidation
56.	26/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
57.	27/05/2023	Lecture	Biological oxidation
58.	30/05/2023	SGT	Practicals on estimation of urinary creatinine by Jaffe's method
59.	31/05/2023	Lecture	Biological oxidation
60.	05/06/2023	SGT	ECE-6 Applied aspects of nucleotide metabolism
61.	06/06/2023	SGT	ECE-6 Applied aspects of nucleotide metabolism

62.	23/06/2023	SGT	Estimation of serum uric acid by uricase method
63.	26/06/2023	SGT	Estimation of serum cholesterol
64.	27/06/2023	SGT	Estimation of serum cholesterol
65.	30/06/2023	SGT	Estimation of serum cholesterol
66.	03/07/2023	SGT	Seminar: Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
67.	04/07/2023	SGT	Seminar: Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
68.	06/07/2023	SGT	Quality control
69.	07/07/2023	SGT	Quality control
70.	06/07/2023	Lecture	Fat soluble vitamins
71.	07/07/2023	Lecture	Fat soluble vitamins
72.	08/07/2023	Lecture	Fat soluble vitamins
73.	13/07/2023	SGT	Estimation of ALT by IFCC method
74.	14/07/2023	SGT	Estimation of ALT by IFCC method
75.	15/07/2023	Lecture	Heme metabolism
76.	19/07/2023	Lecture	Heme metabolism
77.	19/07/2023	SGT	ECE-7 acid base balance disorders
78.	20/07/2023	Lecture	Heme metabolism
79.	21/07/2023	Lecture	Heme metabolism
80.	25/07/2023	SGT	Estimation of calcium by Arsenzo method
81.	28/07/2023	SGT	Estimation of inorganic phosphate by phosphomolybdate - uvmetod
82.	02/08/2023	SGT	CSF analysis
83.	03/08/2023	SGT	Quality control in clinical lab
84.	04/08/2023	Lecture	Water & electrolyte balance
85.	05/08/2023	Lecture	Water & electrolyte balance
86.	08/08/2023	SGT	OSPE-1 (Glucometer)
87.	09/08/2023	SGT	OSPE-1 (Glucometer)
88.	14/08/2023	SGT	OSPE-2 Urine dipstick test
89.	16/08/2023	SGT	OSPE-2 Urine dipstick test
90.	19/08/2023	Lecture	Renal function tests
91.	21/08/2023	SGT	OSPE-3 Hay's sulphur test
92.	23/08/2023	Lecture	Adrenal function tests
93.	24/08/2023	Lecture	Nutrition
94.	25/08/2023	SGT	OSPE-4 Heller's nitric acid test
95.	28/08/2023	SGT	Case discussion -LFT &RFT
96.	31/08/2023	SGT	OSPE-5 Jaffe's test OSPE-6 Rothera's test
97.	01/09/2023	Lecture	Nutrition


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98.	01/09/2023	SGT	Case discussion
99.	04/09/2023	SGT	Case discussion
100.	06/09/2023	Lecture	Metabolism & homeostasis
101.	06/09/2023	SGT	Case discussion
102.	07/09/2023	Lecture	Metabolism & homeostasis
103.	08/09/2023	Lecture	Metabolism & homeostasis
104.	11/09/2023	SGT	Normal urine analysis abnormal constituents of urine
105.	13/09/2023	SGT	Normal urine analysis abnormal constituents of urine
106.	15/09/2023	SGT	Glucose estimation colorimetry creatinine estimation
107.	01/09/2023	SGT	Case discussion

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Teaching Schedule for I MBBS 2023-24 batch

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Sl No	Date	Teaching Method	Topic
1.	30/09/2023	Lecture	Chemistry of carbohydrates
2.	04/10/2023	Lecture	Chemistry of carbohydrates
3.	05/10/2023	Lecture	Chemistry of carbohydrates
4.	06/10/2023	Lecture	Chemistry of carbohydrates
5.	18/10/2023	Lecture	Chemistry of proteins
6.	19/10/2023	Lecture	Chemistry of proteins
7.	20/10/2023	Lecture	Chemistry of proteins
8.	21/10/2023	Lecture	Chemistry of proteins
9.	25/10/2023	Lecture	Chemistry of proteins
10.	26/10/2023	Lecture	Cell & subcellular organelle, plasma membrane
11.	27/10/2023	Lecture	Plasma membrane
12.	02/11/2023	SGT	Blood sample collection & preservation
13.	15/11/2023	Lecture	Enzymes general aspects
14.	16/11/2023	Lecture	Enzymes general aspects
15.	17/11/2023	Lecture	Enzymes general aspects
16.	18/11/2023	Lecture	Enzymes general aspects
17.	21/11/2023	SGT	Urine analysis instruction
18.	24/11/2023	SGT	Inorganic constituents in urine
19.	29/11/2023	Lecture	Digestion & absorption of protein
20.	29/11/2023	Lecture	Organic constituents in urine
21.	30/11/2023	Lecture	Digestion & absorption of lipids
22.	02/12/2024	SDL	Glycoside & its importance, lungs surfactant
23.	04/12/2024	SDL	Marker enzymes of subcellular organelle
24.	04/12/2023	Lecture	Carbohydrate metabolism
25.	06/12/2023	Lecture	Carbohydrate metabolism
26.	07/12/2023	Lecture	Carbohydrate metabolism
27.	08/12/2023	Lecture	Carbohydrate metabolism
28.	09/12/2023	Lecture	Carbohydrate metabolism
29.	13/12/2023	Lecture	Carbohydrate metabolism
30.	29/12/2024	SGT	Group activity on carbohydrate


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			metabolism
31.	01/01/2024	SGT	Colorimetry
32.	03/01/2024	SGT	Colorimetry
33.	08/01/2024	SGT	Glucose estimation by GOD-POD - Practical
34.	12/01/2024	SGT	Glucose estimation by GOD-POD - repeat
35.	18/01/2024	Lecture	Lipid metabolism
36.	19/01/2024	Lecture	Lipid metabolism
37.	20/01/2024	Lecture	Lipid metabolism
38.	31/01/2024	SGT	Estimation of Albumin by BCG method
39.	01/02/2024	SGT	Estimation of urea by urease -GLDH method- Instructions
40.	02/02/2024	Lecture	Purine, pyrimidine metabolism
41.	03/02/2024	Lecture	Purine, pyrimidine metabolism
42.	02/02/2024	SGT	Estimation of urea by urease -GLDH method- Instructions
43.	06/02/2024	SGT	Estimation of urea by urease -GLDH method
44.	07/02/2024	Lecture	Biological oxidation
45.	09/02/2024	Lecture	Biological oxidation
46.	10/02/2024	Lecture	Porphyrins & heme metabolism
47.	13/02/2024	SGT	Serum Creatinine estimation
48.	14/02/2024	Lecture	Porphyrins & heme metabolism
49.	15/02/2024	Lecture	Heme metabolism
50.	21/02/2024	SGT	Serum creatinine estimation -repeat & Creatinine clearance
51.	26/02/2024	SGT	ECE-3 Inborn errors of nucleotide metabolism
52.	27/02/2024	SGT	ECE-3 Inborn errors of nucleotide metabolism
53.	28/02/2024	SGT	ECE-3 Inborn errors of nucleotide metabolism
54.	04/03/2024	SGT	Uric acid estimation by uricase method
55.	11/03/2024	SGT	ECE- 4 Inborn errors of protein metabolism
56.	21/03/2024	SGT	Cholesterol estimation