


KVG MEDICAL COLLEGE, SULLIA
Department of Biochemistry
I MBBS (2022-23 Batch) Teaching Schedule


Dr Shruthi Rai P

Sl.No	Date	TL method	Topic
1.	02/02/2023	SGT	Instruction on organic constituents of urine
2.	03/02/2023	SGT	Instruction on organic constituents of urine
3.	03/02/2023	SGT	Instruction on organic constituents of urine
4.	06/02/2023	SGT	Analysis of normal constituents in urine – inorganic constituents
5.	07/02/2023	SGT	Analysis of normal constituents in urine – inorganic constituents
6.	08/02/2023	SGT	Analysis of normal constituents in urine – inorganic constituents
7.	09/02/2023	SGT	Analysis of organic constituents of normal urine
8.	10/02/2023	Lecture	Enzymes
9.	11/02/2023	Lecture	Enzymes
10.	15/02/2023	Lecture	Enzymes
11.	08/02/2023	SDL	ABC family of transporters
12.	16/02/2023	Lecture	Enzymes
13.	10/02/2023	SGT	Analysis of organic constituents of normal urine
14.	10/02/2023	SGT	Analysis of organic constituents of normal urine
15.	13/02/2023	SGT	Analysis of normal constituents of urine
16.	14/02/2023	SGT	Analysis of normal constituents


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			of urine
17.	15/02/2023	SGT	Analysis of normal constituents of urine
18.	15/02/2023	SDL	Acute phase proteins
19.	16/02/2023	SGT	Seminar: phospholipids & its importance, ABO group substances, Glycosaminoglycans, Immunoglobulins – strycture & its function, Primary structure of proteins
20.	17/02/2023	SGT	Seminar: phospholipids & its importance, ABO group substances, Glycosaminoglycans, Immunoglobulins – strycture & its function, Primary structure of proteins
21.	20/02/2023	SGT	Instructions on analysis of abnormal constituents in urine
22.	21/02/2023	SGT	Instructions on analysis of abnormal constituents in urine
23.	22/02/2023	SGT	Instructions on analysis of abnormal constituents in urine
24.	22/02/2023	SDL	Enzyme as toxins: Snake venom phospholipase
25.	27/02/2023	SGT	Practical - analysis of abnormal constituents in urine
26.	28/02/2023	SGT	Practical - analysis of abnormal constituents in urine
27.	02/03/2023	SGT	Analysis of abnormal constituent in urine
28.	03/03/2023	SGT	Analysis of abnormal constituent in urine
29.	03/03/2023	SGT	Analysis of abnormal constituent in urine
30.	06/03/2023	SGT	Unknown sample identification

31.	07/03/2023	SGT	Unknown sample identification
32.	08/03/2023	SGT	Identification of unknown abnormal constituents in given urine sample
33.	09/03/2023	ECE	Multiple myeloma
34.	10/03/2023	Lecture	Carbohydrates metabolism
35.	10/03/2023	ECE	Multiple myeloma
36.	10/03/2023	ECE	Multiple myeloma
37.	11/03/2023	Lecture	Carbohydrates metabolism
38.	23/03/2023	Lecture	Carbohydrates metabolism
39.	20/03/2023	SGT	Colorimeter
40.	22/03/2023	SDL	Glucose transporters
41.	27/03/2023	SGT	Instruction – Spectrophotometer
42.	28/03/2023	SGT	Instruction – Spectrophotometer
43.	29/03/2023	SGT	Instruction – Spectrophotometer
44.	29/03/2023	SDL	Multi enzyme complex systems
45.	30/03/2023	ECE	Applied aspects in carbohydrate metabolism
46.	31/03/2023	ECE	Applied aspects in carbohydrate metabolism
47.	31/03/2023	ECE	Applied aspects in carbohydrate metabolism
48.	03/04/2023	SGT	Automation in clinical biochemistry
49.	04/04/2023	SGT	Automation in clinical biochemistry
50.	05/04/2023	SGT	Automation in clinical biochemistry
51.	06/04/2023	SGT	Instruction on estimation of


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			glucose by GOD-POD method
52.	10/04/2023	SGT	Practical – estimation of glucose by GOD – POD method
53.	11/04/2023	SGT	Practical estimation of glucose by GOD-POD method
54.	12/04/2023	Lecture	Protein metabolism
55.	12/04/2023	SDL	Pheochromocytoma
56.	12/04/2023	SGT	Practical estimation of glucose by GOD-POD method
57.	17/04/2023	SGT	Practical estimation of glucose by GOD-POD method
58.	18/04/2023	SGT	Repetition of plasma glucose estimation by GOD-POD method
59.	19/04/2023	Lecture	Protein metabolism
60.	19/04/2023	SGT	Repetition of plasma glucose estimation by GOD-POD method
61.	19/04/2023	SDL	Biochemical role of nitric oxide
62.	20/04/2023	Lecture	Protein metabolism
63.	20/04/2023	ECE	Glucose tolerance test (GTT)
64.	21/04/2023	ECE	Glucose tolerance test (GTT)
65.	21/04/2023	ECE	Glucose tolerance test(GTT)
66.	24/04/2023	SGT	Estimation of blood urea by Urease GLDH method.
67.	26/04/2023	SDL	Biogenic amines
68.	28/04/2023	SGT	Instructions on estimation of blood urea by Urease, GLDH method
69.	28/04/2023	SGT	Instructions on estimation of blood urea by Urease, GLDH method

70.	02/05/2023	SGT	Estimation of blood urea by GLDH method
71.	03/05/2023	Lecture	Lipid metabolism
72.	03/05/2023	SGT	Estimation of blood urea by GLDH method
73.	04/05/2023	Lecture	Lipid metabolism
74.	04/05/2023	SGT	Seminars: G-6 PDH deficiency, Laboratory investigations of DM, Polyamines, MSUD, PKU
75.	05/05/2023	Lecture	Lipoprotein metabolism
76.	06/05/2023	Lecture	Lipoprotein metabolism
77.	08/05/2023	SGT	Estimation of total protein by Biuret method -Instruction
78.	09/05/2023	SGT	Estimation of total protein by Biuret method -Instruction
79.	11/05/2023	Lecture	Lipid metabolism
80.	11/05/2023	ECE	Applied aspects of protein metabolism
81.	12/05/2023	Lecture	Lipid metabolism
82.	12/05/2023	ECE	Applied aspects of protein metabolism
83.	12/05/2023	ECE	Applied aspects of protein metabolism
84.	15/05/2023	SGT	Estimation of total protein by Biuret method - Practicals
85.	16/05/2023	SGT	Estimation of total protein by Biuret method - Practicals
86.	17/05/2023	SGT	Estimation of total protein by Biuret method - Practicals
87.	17/05/2023	SDL	Peroxisomal oxidation & Zellweger's syndrome
88.	19/05/2023	Lecture	Xenobiotics & biotransformation


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89.	19/05/2023	SGT	Interpretation of Total Protein by Biuret method
90.	19/05/2023	SGT	Interpretation of Total Protein by Biuret method
91.	20/05/2023	Lecture	Free medicals & antioxidants
92.	22/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) -instructions
93.	23/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) -instructions
94.	24/05/2023	SGT	Estimation of serum & urine creatinine by Jaffe's method (colorimetric) -instructions
95.	24/05/2023	SDL	Hypolipidemic drugs
96.	25/05/2023	Lecture	Free medicals & antioxidants
97.	25/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
98.	26/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
99.	26/05/2023	SGT	Practicals on estimation of serum creatinine by Jaffe's method
100.	29/05/2023	SGT	Practicals on estimation of urine creatinine by Jaffe's method
101.	30/05/2023	SGT	Practicals on estimation of urine creatinine by Jaffe's method
102.	31/05/2023	SGT	Practicals on estimation of urine creatinine by Jaffe's method
103.	31/05/2023	SDL	Advanced glycation end products (AGEs)
104.	01/06/2023	Lecture	Molecular biology
105.	01/06/2023	SGT	Repetition of serum creatinine estimation by Jaffe's method


106.	02/06/2023	Lecture	Molecular biology
107.	02/06/2023	SGT	Repetition of serum creatinine estimation by Jaffe's method
108.	02/06/2023	SGT	Repetition of serum creatinine estimation by Jaffe's method
109.	03/06/2023	Lecture	Molecular biology
110.	05/06/2023	ECE	Applied aspects of nucleotide metabolism
111.	06/06/2023	ECE	Applied aspects of nucleotide metabolism
112.	07/06/2023	ECE	Applied aspects of nucleotide metabolism
113.	08/06/2023	Lecture	Molecular biology
114.	08/06/2023	SGT	Estimation of serum Albumin by Bromo Cresol Green method
115.	09/06/2023	Lecture	Molecular biology
116.	09/06/2023	SGT	Estimation of serum Albumin by Bromo Cresol Green method
117.	09/06/2023	SGT	Estimation of serum Albumin by Bromo Cresol Green method
118.	12/06/2023	SGT	Discussion of serum albumin estimation
119.	13/06/2023	SGT	Discussion of serum albumin estimation
120.	14/06/2023	SGT	Discussion of serum albumin estimation
121.	22/06/2023	Lecture	Molecular biology
122.	22/06/2023	SGT	Estimation of serum uric acid by uricase method
123.	23/06/2023	Lecture	Molecular biology
124.	23/06/2023	SGT	Estimation of serum uric acid by uricase method


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125.	23/06/2023	SGT	Estimation of serum uric acid by uricase method
126.	24/06/2023	Lecture	Molecular biology
127.	26/06/2023	SGT	Estimation of serum cholesterol
128.	27/06/2023	SGT	Estimation of serum cholesterol
129.	30/06/2023	Lecture	Molecular biology
130.	30/06/2023	SGT	Estimation of serum cholesterol
131.	01/07/2023	Lecture	rDNA technology
132.	03/07/2023	SGT	Seminar: Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
133.	05/07/2023	Lecture	Molecular techniques
134.	05/07/2023	SGT	Seminar: Hypercholesterolemia & regulation of cholesterol, alcohol metabolism, Atherosclerosis, post-transcriptional processing, Chemiosmotic theory
135.	06/07/2023	SGT	Quality control
136.	07/07/2023	SGT	Quality control
137.	07/07/2023	SGT	Quality control
138.	10/07/2023	SGT	Estimation of AST by IFCC method
139.	12/07/2023	Lecture	Acid base balance
140.	12/07/2023	SGT	Estimation of AST by IFCC method
141.	13/07/2023	Lecture	Acid base balance
142.	13/07/2023	SGT	Estimation of ALT by IFCC method

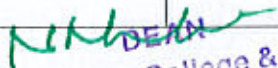
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143.	14/07/2023	Lecture	Acid base balance
144.	14/07/2023	SGT	Estimation of ALT by IFCC method
145.	14/07/2023	SGT	Estimation of ALT by IFCC method
146.	17/07/2023	ECE	acid base balance disorders
147.	18/07/2023	ECE	acid base balance disorders
148.	19/07/2023	ECE	acid base balance disorders
149.	19/07/2023	SDL	Antivitamins & their therapeutic applications
150.	20/07/2023	SGT	Estimation of ALP by IFCC method
151.	21/07/2023	SGT	Estimation of ALP by IFCC method
152.	21/07/2023	SGT	Estimation of ALP by IFCC method
153.	22/07/2023	Lecture	Water soluble vitamins
154.	24/07/2023	SGT	Estimation of calcium by Arsenzo method
155.	25/07/2023	SGT	Estimation of calcium by Arsenzo method
156.	26/07/2023	Lecture	Water soluble vitamins
157.	26/07/2023	SGT	Estimation of calcium by Arsenzo method
158.	26/07/2023	SDL	Prion diseases
159.	27/07/2023	Lecture	Water soluble vitamins
160.	27/07/2023	SGT	Estimation of inorganic phosphate in serum
161.	28/07/2023	Lecture	Water soluble vitamins
162.	28/07/2023	SGT	Estimation of inorganic phosphate by phosphomolybdate -


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			uv metod
163.	28/07/2023	SGT	Estimation of inorganic phosphate by phosphomolybdate - uv metod
164.	29/07/2023	Lecture	Mineral metabolism
165.	31/07/2023	SGT	CSF analysis
166.	01/08/2023	SGT	CSF analysis
167.	02/08/2023	SGT	CSF analysis
168.	02/08/2023	SDL	Functions & deficiency of copper & iron
169.	04/08/2023	SGT	Quality control in clinical lab
170.	04/08/2023	SGT	Quality control in clinical lab
171.	07/08/2023	OSPE	Glucometer
172.	08/08/2023	OSPE	Glucometer
173.	09/08/2023	Lecture	Liver function tests
174.	09/08/2023	SDL	Treatment & disposal of biomedical waste
175.	09/08/2023	OSPE	Glucometer
176.	10/08/2023	Lecture	Minerals metabolism
177.	10/08/2023	SGT	Case discussion -GTT & inborn errors of metabolism
178.	11/08/2023	Lecture	Minerals metabolism
179.	11/08/2023	SGT	Case discussion -GTT & inborn errors of metabolism
180.	11/08/2023	SGT	Case discussion -GTT & inborn errors of metabolism
181.	12/08/2023	Lecture	Liver function tests
182.	14/08/2023	OSPE	OSPE-2 Urine dipstick test
183.	16/08/2023	OSPE	OSPE-2 Urine dipstick test

184.	16/08/2023	SDL	Quality control in clinical chemistry lab
185.	17/08/2023	Lecture	Cancer
186.	17/08/2023	SGT	Case discussion - Vitamins & minerals
187.	18/08/2023	Lecture	Cancer
188.	18/08/2023	SGT	OSPE-2 Urine dipstick test Case discussion- Vitamins & minerals
189.	18/08/2023	SGT	Case discussion - Vitamins & minerals
190.	23/08/2023	SDL	Automation in clinical chemistry lab
191.	25/08/2023	Lecture	Extracellular matrix
192.	25/08/2023	SGT	Case discussion -LFT &RFT
193.	25/08/2023	SGT	Case discussion -LFT &RFT
194.	26/08/2023	Lecture	Extracellular matrix
195.	28/08/2023	OSPE	Jaffe's test Rothera's test
196.	29/8/2023	OSPE	Jaffe's test Rothera's test
197.	30/08/2023	Lecture	Haemoglobinopathies
198.	30/08/2023	OSPE	Jaffe's test Rothera's test
199.	31/08/2023	Lecture	Mechanism of hormone action
200.	31/08/2023	SGT	Case discussion
201.	01/09/2023	SGT	Case discussion
202.	01/09/2023	SGT	Case discussion


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203.	02/09/2023	Lecture	Immune system
204.	04/09/2023	SGT	Case discussion
205.	05/09/2023	SGT	Case discussion
206.	06/09/2023	SGT	Case discussion
207.	07/09/2023	SGT	Case discussion
208.	08/09/2023	SGT	Case discussion
209.	08/09/2023	SGT	Case discussion
210.	11/09/2023	SGT	Normal urine analysis abnormal constituents of urine
211.	12/09/2023	SGT	Normal urine analysis abnormal constituents of urine
212.	13/09/2023	SGT	Normal urine analysis abnormal constituents of urine

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