



# ST. WILFRED'S P.G. COLLEGE

(Affiliated to the University of Rajasthan)

Lecture Plan

Department of Statistics

B.Sc. I (Paper I: Theory of Probability)

S.No.	Schedule Date	Day	Particulars of Topic covered	Teaching Methodology	Date of execution	Remark/ Evaluation Technique
	2-8-2022	Tuesday	Orientation	—	2/8/22	
1	8-8-2022	Monday	Introduction and syllabus discussion	Black Board	8/8/22	Oral Test
2	9-8-2022 (Paper I)	Tuesday	Important concepts of Probability: "Random experiment: Trial, Events and their types.	Black Board	9/8/22	Class Test
3	10-8-2022 (Paper I)	Wednesday	Definitions of probability. Sample point and sample space	Black Board	10/8/22	Class Test
4	12-8-2022	Friday				
5	13-8-2022	Saturday				
6	16-8-2022 (Paper I)	Tuesday	Axiomatic Approach of Probability and its properties. Addition and Multiplication theorems of probability	Black Board	16/8/22	Class Test
7	17-8-2022 (Paper I)	Wednesday	Conditional Probability	Black Board	17/8/22	Oral test
8	18-8-2022	Thursday				
9	20-8-2022	Saturday				

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10	22-8-2022 (Paper I)	Monday	Bayes Theorem and its Applications	Black Board		Class Test
11	24-8-2022 (Paper I)	Wednesday	(Simple Problems Only)	Black Board	24/8/22	Oral test
12	27-8-2022	Saturday				Class Test
13	31-8-2022 (Paper I)	Wednesday	Numerical Problem	Black Board	31/8/22	Class Test
14	02-9-2022	Friday				
15	03-9-2022	Saturday				
16	05-9-2022 (Paper I)	Monday	Random Variable: Definition with illustrations	Black Board	5/9/22	Class Test
17	06-9-2022 (Paper I)	Tuesday	Types of Random Variables. Probability Mass Function	Black Board	6/9/22	Oral test
18	07-9-2022 (Paper I)	Wednesday	Probability Density Function. Distribution Function and its properties	Black Board	7/9/22	Class Test
19	08-9-2022	Thursday				
20	10-9-2022	Saturday				
21	12-9-2022 (Paper I)	Monday	Joint Probability Distribution, Marginal	Black Board	12/9/22	Oral test
22	14-9-2022 (Paper I)	Wednesday	Conditional Probability Distributions	Black Board	14/9/22	
23	16-9-2022	Friday				
24	17-9-2022	Saturday				

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25	20-9-2022 (Paper I)	Tuesday	density functions (Continuous and Discrete Cases)	Black Board	20/9/22	Oral test
26	24-9-2022	Saturday				
27	28-9-2022 (Paper I)	Wednesday	Chebyshev's Inequality and its applications	Black Board	28/9/22	Class Test
28	01-10-2022	Saturday				
29	04-10-2022 (Paper I)	Tuesday	Mathematical Expectation	Black Board	4/10/22	Class Test
30	06-10-2022	Thursday				
31	07-10-2022	Friday				
32	08-10-2022	Saturday				
33	11-10-2022 (Paper I)	Tuesday	Expectation of a random variable and its simple properties	Black Board	11/10/22	Class Test
34	12-10-2022 (Paper I)	Wednesday	Addition and Multiplication Theorems of Expectation. Conditional Expectation	Black Board	12/10/22	Class Test
35	18-10-2022 (Paper I)	Tuesday	Definition of Variance and Covariance and properties	Black Board	18/10/22	Oral test
36	21-10-2022	Friday				
37	28-10-2022	Friday				
38	31-10-2022 (Paper I)	Monday	Raw and Central Moments	Black Board	31/10/22	Class Test

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39	01-11-2022 (Paper I)	Tuesday	Moment Generating Function and their properties	Black Board		Oral test
40	03-11-2022	Thursday				
41	05-11-2022	Saturday				
42	07-11-2022 (Paper I)	Monday	Univariate Discrete Distribution and their properties	Black Board	7/11/22	Class Test
43	08-11-2022 (Paper I)	Tuesday	Bernoulli Distribution	Black Board	8/11/22	Oral test
44	09-11-2022 (Paper I)	Wednesday	Binomial Distribution	Black Board	9/11/22	Class Test
45	12-11-2022	Saturday				
46	14-11-2022 (Paper I)	Monday	Binomial Distribution its Properties	Black Board	14/11/22	Class Test
47	15-11-2022 (Paper I)	Tuesday	Poisson Distribution	Black Board	15/11/22	Class Test
48	17-11-2022	Thursday				
49	18-11-2022	Friday				
50	19-11-2022	Saturday				
51	21-11-2022 (Paper I)	Monday	Poisson Distribution its properties	Black Board	21/11/22	Student Presentation
52	22-11-2022 (Paper I)	Tuesday	Geometric Distribution	Black Board	22/11/22	Student Presentation
53	23-11-2022 (Paper I)	Wednesday	Geometric Distribution its properties	Black Board	23/11/22	Class Test

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54	24-11-2022	Thursday				
55	25-11-2022	Friday				
56	26-11-2022	Saturday				
57	28-11-2022 (Paper I)	Monday	Idea of Hyper geometric	Black Board	28/11/22	Class Test
58	01-12-2022	Thursday				
59	02-12-2022	Friday				
60	03-12-2022	Saturday				
61	05-12-2022 (Paper I)	Monday	Negative Binomial Distribution.	Black Board	5/12/22	Open Book Test UG
62	06-12-2022 (Paper I)	Tuesday	Properties of NBD	Black Board	6/12/22	Open Book Test UG
63	09-12-2022	Friday				
64	10-12-2022	Saturday				
65	12-12-2022 (Paper I)	Monday	Univariate Continuous Distribution	Black Board	12/12/22	Student Presentation
66	13-12-2022 (Paper I)	Tuesday	Rectangular Distribution	Black Board	13/12/22	Student Presentation
67	14-12-2022 (Paper I)	Wednesday	Normal Distribution	Black Board	14/12/22	Class Test
68	15-12-2022	Thursday				
69	16-12-2022	Friday				
70	17-12-2022	Saturday				

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Where the mind is without fear! Where the head is held high!!



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71	19-12-2022 (Paper I)	Monday	Normal Distribution Mean and variance	Black Board	19/12/22	Class Test
72	22-12-2022	Thursday				
73	24-12-2022	Saturday				
74	02-01-2023 (Paper I)	Monday	Properties of Normal distribution	Black Board	2/1/23	Class Test
75	03-01-2023 (Paper I)	Tuesday	Area properties of Normal distribution	Black Board	3/01/23	Class Test
76	06-01-2023	Friday				
77	07-01-2023	Saturday				
78	09-01-2023 (Paper I)	Monday	Idea of Exponential Distribution	Black Board	9/1/23	Class Test
79	12-01-2023	Thursday				Class Test
80	13-01-2023	Friday				Class Test
81	16-01-2023 (Paper I)	Monday	Cauchy Distribution	Black Board	16/1/23	Oral test
82	17-01-2023 (Paper I)	Tuesday	Gamma Distribution	Black Board	17/1/23	Class Test
83	19-01-2023	Thursday				
84	20-01-2023	Friday				
85	21-01-2023	Saturday				
86	23-01-2023 (Paper I)	Monday	Beta Distribution	Black Board	23/1/23	Class Test

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87	24-01-2023 (Paper I)	Tuesday	Properties of continuous distribution	Black Board	24/1/23	Student Presentation
88	27-01-2023	Friday				
89	28-01-2023	Saturday				
90	30-01-2023	Monday	Extra Remedial Classes	Black Board	30/1/23	
91	09-02-2023	Thursday	Extra Remedial Classes	Black Board	9/2/23	
92	11-02-2023	Saturday				
93	14-02-2023	Tuesday	Extra Remedial Classes	Black Board	14/2/23	Oral test
94	15-02-2023	Wednesday	Extra Remedial Classes	Black Board	15/2/23	
95	16-02-2023	Thursday				
96	17-02-2023	Friday				
97	21-02-2023	Tuesday	Extra Remedial Classes	Black Board	21/2/23	Oral test

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