



Department of Mathematics K.B.M college Dinajpur

Mathematics (Honor's Course) Books List

Serial No.	Name of the Books	Name of The Writer	Number of the Books
01	Basic Algebra.	Md. Abdur Rahman	10
02	Higher algebra.	S. Bernard & J M Child-	15
03	Theory and problems on set theory and related topics.	Schaums Outline Series-	15
04	Differential Calculus.	Md. A Matin& B Chakraboty,	10
05	Calculus with Analytic Geometry.	E.W. Swokowski,	20
06	Calculus	Howard Anton	27
07	Linear Algebra.	Md. Abdur Rahman-	10
08	Linear Algebra.	Seymour Lipschutz (Schaum's Outline Series)-	10
09	Vector Geometry.	J. A. Hummel-	20
10	Analytic Geometry of Conic Section.	H.H. Askwith	18
11	Calculus with Analytic Geometry.	L. Bers & P. Karal,	20
12	Calculus with Analytic Geometry.	E. Swokowski,	20
13	Calculus with Analytic Geometry.	H. Anton et al,	25
14	Differential Equations.	S.L. Ross	23
15	Introduction to Differential Equations.	Denis Gill	10
16	Theory and Problems of Differential Equations.	Frank Ayres, J R.	25
17	Mathematica	Worlfarm's Research (Student edition)	30
18	Mathematica	Schaum's Outline Series	24
19	Introduction to Abstract Algebra	W. K. Nicholoson:	26
20	Introduction to Abstract Algebra.	Neal H. Mecoy:	36
21	Basic Abstract Algebra.	P. B. Bhattacharya. S. K. Jain, S. R. Nagpaul:	10

22	The theory of Calculus.	Kenneth A. Ross :Elementary Analysis:	28
23	Principles of Mathematical Analysis.	Walter Rudin:	39
24	Numerical Analysis.	R. L. Burden & J. D. Faires,	20
25	Numerical Analysis.	L. W. Johnson& R. D. Riess,	30
26	Complex Variables and Applications.	Ruel V. Churchill-	20
27	Complex Variables.	Schaum's Outline Series-	10
28	Complex Variables and Applications.	Ruel V. Churchill-	20
29	Differential Geometry.	Schaum's Outline Series	26
30	Lectures on Classical Differential Geometry.	D. J. Struik:	15
31	An Elementary treatise on Statics.	S. L. Loney-	15
32	Introduction to Dynamics.	L. A. Pars	27
33	Linear Programming.	F. S. Hiller and G. T. Lieberman	22
34	Mathematical Programming Techniques.	N. S. Kambu	23
35	Operations Research.	Hamdy A. Taha	24
36	Introduction to Linear Programming and Game theory.	P. R. Thie	27
37	An Introduction to the Theory of Numbers	Niven, H. S. Zuckerman	10
38	An introduction to Theory of Numbers	G. H. Hardy & E. M. Wright	18
39	An introduction to Theory of Numbers.	I. S. Niven and H. S. Zuckermann	26
40	Fundamentals of Number Theory	W. J. LeVeque	30
41	Theory of Numbers	Fazlur Rahman	27
42	Introduction to Topology and Modern Analysis.	G. Simons	20
43	General Topology	S. Willard	23
44	Essentials of Topology and Functional Analysis	Fatema Chowdhury and Munibur Raman Chowdhury	13
45	Topology	Fazlur Rahman	24
46	Functional Analysis	Fazlur Rahman	25
47	Fourier series & boundary value problems	R. V. Churchill & J. W. Brown	15
48	(i) Fourier analysis with application to boundary value problems (ii) Laplace Transforms.	M. R. S. Piekel	16

49	Applied mathematics for engineering and physics	L. A. Pipes & L. R. Harvill	5
50	Special Functions and their Applications	W. N. Lebedev & R.A. Silverman	22
51	Laplace Transforms	M. R. Spiegel, Schaum's Outline Series	10
52	Vector and Tensor Analysis.	Schaum's Outline Series	20
53	Tensor Calculus.	B. Spain	23
54	An Introduction to Riemannian Geometry and the Tensor Calculus	C. E. Weatherburn	16
55	Applications of Tensor Analysis	A.J. McConnell	14
56	Elements of Partial Differential Equations on	J. N. Snedd	15
57	Partial Differential Equations	J. M. Kar	16
58	Partial Differential Equations	B. Epstein	24
59	Partial Differential Equations	Schaum's outline Series -B. Epstein	23
60	A Text Book of Fluid dynamics.	F. Chorlton	25
61	Hydrodynamics.	P.P.Gupta	28
62	Discrete Mathematics	Schaum'sOutline Series.	20
63	Discrete Mathematics and its Application	KenthH.Rosen	24
64	Discrete Mathematics	Fazlur Rahman	20
65	Discrete Mathematics	C.I. Liu	23
66	A Text Book of Astronomy	S.K. Bhattacharjee	24
67	Astronomy	K.K. Dey	25
68	Spherical Trigonometry	Tod Hunter	16
69	Astronomy	J.M. Kar	14
70	A Text Book of Modern Astronomy	A.F.M. Abdur Rahman	15
71	Astronomy	Kvjx c` `vm	18
72	Spherical Astronomy	M. L Khanna	20
73	Introduction to Population Modeling	J. C.Frauenthal	20
74	Modeling with Differential Equations	'D.N. Burghes and M.S. Bowie	29
75	Mathematical Biology.	J.D. Murray	30
76	Mathematical Modeling in Biology.	Fazlur Rahman	5
77	An Introduction to the Theory of Numbers	G.H. Hardy and E.M. Wright	9
78	A Paper in Number Theory	S. Rose	30

79	Theory of Algebraic Number	P. Samuel	23
80	Advanced Theory of Numbers	Fazlur Rahman	13
81	The Theory of Groups	Marshall Hall, Jr	12
82	Introduction to Group Theory	W. Ledermann	14
83	Representation Theory of Finite Groups	Martin Burrow	15
84	Introduction in Group Characters	W. Ledermann	16
85	Elements of Modern Abstract Algebra	Kenneth S. Miller	14
86	A First Paper in Abstract Algebra	Hiram Paley and Paul M. Weichsel	15
87	Commutative Algebra	Zariski, O and Samuel, P.	18
88	Lattice Theory	Birkhoff, G.	19
89	General Lattice Theory	Gratzer, G	20
90	Introduction to Lattice Theory	Rutherford, D.K.	20
91	Lattice Theory and Boolean Algebra	Ayub, Elias	23
92	A Text Book of Fluid Dynamics	Chorlton, F	25
93	Fluid Dynamics	Rutherford, D.E	26
94	Boundary Layer Theory	Schlichting, H.	15
95	New Method of Laminar Boundary Layer Theory	Meksyn, D.	13
96	Connective Heat Transfer	Kakac, S.	12
97	Fluid Dynamics	Shanti Swarup	14
98	Fluid Dynamics	M.D. Raisinghania	17
99	Introduction to Quantum Mechanics	B.H. Bransden& C.J. Joachin	20
100	Quantum Mechanics	LI. Schiff	23
101	Quantum Mechanics	Powell	25
102	Quantum Mechanics	Gupta, Kumar, Sharma	27
103	Quantum Mechanics	Sazedur Rahman	16
104	Theory of Relativity, Gravitation and Cosmology	Goyal I.K., Gupta K.P.	12
105	Principles and Applications of the General Theory of Relativity.	Steven Weinberg	13
106	Theory of Relativity (in Bengali)	Rashid H. Islam N.	14
107	Differential Equations, Dynamical Systems and Linear Algebra.	Worris W. Hirsch and Stephen Smale	15

108	Differential Equations and Dynamical Systems.	L. Perko, Springer	16
109	Differential Equations.	Jane Cronin, Marcel Dekker	13
110	Stability and Periodic Solution.	T.A. Buton	12
111	Differential and Integral Equations.	Fazlur Rahman	14
112	Integral Equations	Shanti Swarup	15
113	Operations Research, Macmillan Publishing Company	. Hamdy. A Taha	13
114	Operations Research	A. Ravindra, D.T. Phillips, J.J. Solberg	18
115	Introduction to Operations Research,	B.E. Gillett	20
116	An Introduction to Management Science	Anderson, Sweeney, Williams	20
117	Dynamic Programming	Richard Bellman	30
118	Operational Research	D.J. White	28
119	Applied Hydrology	V.T. Chow	25
120	Elementary Hydrology	V.P. Singh	20
121	Hydrology	Wilson	30
122	A Text Book of Hydrology	P.J. Reddi	10
123	Engineering Hydrology	K. Subramanya	10
124	Differential Geometry of Three Dimensions, Cambridge University Press, London	C.E. Weatherburn, 1939	25
125	Lectures on Classical Differential Geometry, Addison-Wesley Publishing Company, Inc. U.S.A.	D.J. Struik, 1961	23
126	Differentiable Manifolds an Introduction, Van Nostrand Reinhold Company, London	F. Brickell and R.S. Clark, 1970	25
127	Foundations of Differentiable Manifolds and Lie groups, Scott, Foresman and Company, Glenview, Illinois, London	F.W. Warner, 1971	26
128	Advanced Differential Geometry	Mezbahuddin	25
129	Introduction to Modern Theory of Dynamical Systems, Cambridge University Press, Cambridge, 1995	A. Katok and B. Hasselblatt	25
130	A First Paper in Chaotic Dynamical Systems, Westview Press, 1992	R.I. Devancy	26
131	A First Paper in Discrete Dynamical Systems, Springer 2001. Chaos: An Introduction to Dynamical Systems, Yorke 1990	R.A. Holmgren	25
132	The Geometry of Fractal Sets, Cambridge University Press, Cambridge 1985.	K. Falconer	25