

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2023

Dated: 29-Aug-2023

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
1	AD203	PROBLEMS IN I.C ENGINES	580	553	95 %
2	AD212	APPLIED THERMODYNAMICS	214	178	83 %
3	AD213	SUSPENSION, STEERING & BRAKES	702	648	92 %
4	AD224	WORKSHOP PRACTICE-II	702	641	91 %
5	AD232	APPLIED THERMODYNAMICS	702	554	79 %
6	AD234	WORKSHOP PRACTICE-II	214	201	94 %
7	AD243	PROBLEMS IN I.C. ENGINES	214	203	95 %
8	AF223	FARM MACHINERY-I	122	117	96 %
9	AF232	CROP HUSBANDRY	122	117	96 %
10	ARCH212	ENVIRONMENTAL STUDIES-I	261	244	93 %
11	ARCH223	STRUCTURAL MECHANICS & R.C.C DESIGN	261	110	42 %
12	ARCH233	ARCHITECTURAL DRAWING & DESIGN-I	261	237	91 %
13	ARCH242	COMPUTER AIDED DRAFTING AND PRESENTATION-II	261	244	93 %
14	ARCH253	BUILDING MATERIALS AND CONSTRUCTION-II	261	236	90 %
15	ARCH262	HISTORY OF ARCHITECTURE	261	215	82 %
16	ARCH274	SURVEYING AND LEVELLING	261	184	70 %
17	AT215	DIGITAL ELECTRONICS	43	24	56 %
18	AT225	MICRO PROCESSOR	43	25	58 %
19	AT233	AUTOMATION FUNDAMENTALS-II	43	27	63 %
20	AT241	INDUSTRIAL MATERIALS	43	33	77 %
21	AT253	ELECTRONIC DEVICES & CIRCUITS	43	29	67 %
22	BMI214	SOLID STATE ELECTRONICS	54	33	61 %
23	BMI223	ELECTRICAL MACHINES AND INDUSTRIAL ELECTRONICS	54	36	67 %
24	BMI232	DIGITAL ELECTRONICS	54	47	87 %
25	BMI242	OPERATIONAL AMPLIFIER AND APPLICATIONS	54	49	91 %
26	BMI252	PATIENT SAFETY AND ULTRASOUND RADIATION PHYSICS	54	46	85 %
27	BMI264	X-RAYS FILM PROCESSING EQUIPMENT	54	38	70 %
28	CH213	APPLIED CHEMISTRY	916	390	43 %
29	CH222	APPLIED CHEMISTRY	37	30	81 %
30	CH243	APPLIED CHEMISTRY-I	71	21	30 %
31	CHT244	ORGANIC CHEMISTRY	72	43	60 %
32	CHT244(REV.)	ORGANIC CHEMISTRY	723	595	82 %
33	CHT254(REV.)	INDUSTRIAL CHEMICAL PROCESS-I	795	755	95 %
34	CHT263	QUANTITATIVE ANALYSIS	795	740	93 %
35	CHT271	SAFETY PRACTICE & PROCEDURE	795	787	99 %
36	CHT283	PHYSICAL CHEMISTRY	795	694	87 %
37	CHT293	CHEMICAL ENGINEERING-I	795	740	93 %
38	CIT212	OBJECT ORIENTED PROGRAMMING WITH JAVA	1,015	964	95 %
39	CIT223	COMPUTER NETWORKS	1,015	775	76 %
40	CIT235	MICROPROCESSOR ARCHITECTURE	1,015	805	79 %
41	CIT244	ELECTRONICS-II	1,015	905	89 %
42	CIT263	RELATIONAL DATABASE MANAGEMENT SYSTEM	1,015	671	66 %
43	CIVIL203	PUBLIC HEALTH TECHNOLOGY	3,657	2,843	78 %
44	CIVIL214	ADVANCED CIVIL ENGINEERING SURVEYING	3,657	1,687	46 %
45	CIVIL223	ADVANCED CONSTRUCTION TECHNIQUES	3,657	3,291	90 %
46	CIVIL232	QUANTITY SURVEYING	3,657	2,601	71 %
47	CIVIL243	CIVIL ENGINEERING DRAWING & AUTOCAD	3,657	3,030	83 %

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48	CIVIL244	CIVIL ENGINEERING DRAWING & AUTO CAD	126	87	69 %
49	CIVIL263	ENGINEERING MECHANICS	3,657	2,879	79 %
50	CIVIL271	ENTREPRENEURSHIP	3,657	3,428	94 %
51	CMFT257	WORKSHOP PRACTICE-II	7	7	100 %
52	CMT213	FUEL SYSTEM	214	192	90 %
53	CMT224	OPERATION OF CONSTRUCTION MACHINERY	214	204	95 %
54	COMP213	COMPUTER APPLICATION SOFTWARE	52	50	96 %
55	COMP214	COMPUTER ORGANIZATION & BASIC PROGRAMMING	10	4	40 %
56	COMP223	ELECTRONICS DEVICES & CIRCUITS-II	10	6	60 %
57	COMP232	MOTOR & POWER SUPPLIES	10	6	60 %
58	COMP243	DIGITAL ELECTRONICS & MICRO PROCESSOR	10	5	50 %
59	COMP253	MEASURING INSTRUMENTS	10	4	40 %
60	COMP262	COMPUTER-II	39	31	79 %
61	COMS211	COMMUNICATION SKILLS	784	768	98 %
62	CT243	CIVIL DRAFTING-II	10	5	50 %
63	CT262	QUANTITY SURVEYING-I	10	1	10 %
64	ELECT.212	APPLIED ELECTRICITY AND ELECTRONICS	4,013	3,443	86 %
65	ELECT202	APPLIED ELECTRICITY AND ELECTRONICS	76	63	83 %
66	ELT222	MOTORS & GENERATORS	43	34	79 %
67	ELT233	MEASURING INSTRUMENTS	54	41	76 %
68	ELTM212	APPLIED MECHANICS	10	10	100 %
69	ELTM222	MINING-I	10	6	60 %
70	ELTM232	INDUSTRIAL ECONOMICS	10	7	70 %
71	ELTR212(REV.)	PROPAGATION OF ELECTROMAGNETIC WAVES	784	610	78 %
72	ELTR225	ANALOG ELECTRONICS	784	472	60 %
73	ELTR233(REV.)	ELECTRICAL INSTRUMENTS & MEASUREMENTS	784	693	88 %
74	ELTR243(REV.)	ELECTRICAL MACHINES	784	621	79 %
75	ELTR253	COMMUNICATION SYSTEMS	784	645	82 %
76	ELTR264	DIGITAL ELECTRONICS	784	585	75 %
77	ELTR271	PCB FABRICATION	784	768	98 %
78	ENG272	ENGLISH-II	10	5	50 %
79	ET203	D.C. MACHINES & BATTERIES	4,954	3,904	79 %
80	ET212	APPLIED ELECTRICITY & ELECTRONICS	52	48	92 %
81	ET213	D.C MACHINES & BATTERIES	11	4	36 %
82	ET223	ELECTRICAL INSTRUMENT & MEASUREMENT	11	4	36 %
83	ET233	UTILIZATION OF ELECTRICAL ENERGY	1	0	0 %
84	ET233(REV.)	UTILIZATION OF ELECTRICAL ENERGY	10	4	40 %
85	ET242	INSTALLATION PLANNING & ESTIMATING	11	4	36 %
86	ET243	APPLIED ELECTRICITY	19	14	74 %
87	ET251	APPLICATION OF COMPUTERS IN ELECT. TECH	11	7	64 %
88	ET252	ELECTRICAL INSTALLATION PLANNING & ESTIMATING	4,954	3,632	73 %
89	ET253	UTILIZATION OF ELECTRICAL ENERGY	4,954	3,586	72 %
90	ET261	APPLICATIONS OF COMPUTERS IN ELECTRICAL TECH.	4,954	4,783	97 %
91	ET263	BASIC ELECTRONICS	1	0	0 %
92	ET263(REV.)	BASIC ELECTRONICS	10	0	0 %
93	ET271	WORKSHOP PRACTICE-II (BASIC MACHINE SHOP)	11	7	64 %
94	ET273	ELECTRICAL INSTRUMENTS & MEASUREMENTS	4,954	3,892	79 %

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95	ET282	DIGITAL LOGIC DESIGN	4,954	4,254	86 %
96	ET283	BASIC ELECTRONICS	4,954	3,406	69 %
97	ETM212	UTILIZATION OF ELECTRICAL ENERGY	5	3	60 %
98	ETM222	ELECTRICAL MACHINES-I	5	3	60 %
99	ETM232	BASIC ELECTRICITY AND CIRCUIT	5	3	60 %
100	ETM242	MINING LAW	5	5	100 %
101	ETM258	PRACTICAL TRAINING	5	5	100 %
102	FDT214	DRAWING & DRAFTING ESSENTIALS-II	17	17	100 %
103	FDT221	ADVANCE DESIGN-I	17	17	100 %
104	FDT232	CAD & MODELING ESSENTIALS	17	16	94 %
105	FDT243	WOODWORKING TOOLS & HARDWARE	17	16	94 %
106	FDT254	WOODWORKING MACHINES-I	17	15	88 %
107	FDT261	MEASUREMENT & COST CALCULATION-I	17	17	100 %
108	FDT272	WOODWORKING PRODUCTION TECHNOLOGY-II	17	17	100 %
109	FP212(REV.)	FOUNDRY TECHNOLOGY-II	7	3	43 %
110	FP214	FOUNDRY TECHNOLOGY-II	28	26	93 %
111	FP221(REV.)	TOOLS & EQUIPMENTS-II	7	6	86 %
112	FP224	ADVANCE PATTERN MAKING	28	27	96 %
113	FP232(REV.)	METALLURGY-II	7	4	57 %
114	FP242	PATTERN MAKING-II	7	4	57 %
115	FP244	WORKSHOP PRACTICE	28	21	75 %
116	FP252	NON-FERROUS METALLURGY	28	19	68 %
117	FPPT213	FRUIT AND VEGETABLE PROCESSING TECHNOLOGY	94	84	89 %
118	FPPT223(REV.)	CEREAL AND BAKING TECHNOLOGY	94	83	88 %
119	FPPT233(REV.)	DAIRY PROCESSING TECHNOLOGY	94	82	87 %
120	FPPT242	OIL AND FAT PROCESSING TECHNOLOGY	94	83	88 %
121	FPPT252	SUGAR AND CONFECTIONERY TECHNOLOGY	94	87	93 %
122	FPPT273	GENERAL & FOOD MICROBIOLOGY	94	77	82 %
123	FPPT283	FOOD CHEMISTRY & INSTRUMENTATION	94	86	91 %
124	FT203	FOOD CHEMISTRY & ANALYSIS	106	46	43 %
125	FT223	FRUITS,VEGETABLES & BEVERAGE TECHNOLOGY	106	97	92 %
126	FT232	FATS & OILS TECHNOLOGY	106	97	92 %
127	FT243	MEAT, POULTRY & FISH TECHNOLOGY	106	98	92 %
128	FT262	FOOD PLANT LAYOUT & HYGIENE	106	103	97 %
129	FT271	FOOD PACKAGING	106	102	96 %
130	FT282	SUGAR & CONFECTIONERY TECHNOLOGY	106	96	91 %
131	FT291	FOOD LAWS & STANDARDS	106	96	91 %
132	FTW214	DESIGN & PATTERN ENGINEERING-II	43	43	100 %
133	FTW223	FOOTWEAR PRODUCTION TECHNOLOGY-II	43	43	100 %
134	FTW232	GRADING OF SHOE COMPONENTS	43	43	100 %
135	FTW244	FOOTWEAR MATERIALS-I	43	41	95 %
136	FTW254	FOOT ANATOMY & LAST MODELING	43	43	100 %
137	GCT202	WORKSHOP TECHNIQUES	36	36	100 %
138	GCT213	GLASS TECHNOLOGY	36	33	92 %
139	GCT224	PARTICLE SIZE REDUCTION & GLAZES	36	36	100 %
140	GCT243	PROPERTIES OF GLASS & CERAMICS MATERIALS	36	32	89 %
141	GCT253	CERAMIC PRODUCTION TECHNIQUE	36	35	97 %

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142	GCT263	CERAMIC RAW MATERIALS	36	33	92 %
143	GEN211	ISLAMIAT & PAK STUDIES/ETHICS & PAK STUDIES	17,990	16,123	90 %
144	GEN221	COMMUNICATIONS SKILLS & REPORT WRITTING	3,783	3,663	97 %
145	GEN271	ISLAMIAT & PAKSTUDIES / ETHICS & PAKSTUDIES	10	10	100 %
146	HVAC214	PRINCIPLE OF AIR CONDITIONING	169	127	75 %
147	HVAC223	APPLIED THERMODYNAMICS IN HVAC & R SYSTEMS	169	119	70 %
148	HVAC233	ENGINEERING ARCHITECTURAL & COMPUTER AIDED DRAWING	169	157	93 %
149	HVAC243	ADVANCE REFRIGERATION	169	153	91 %
150	HVAC253	HVAC & R WORKSHOP PRACTICE-II	169	150	89 %
151	ICT212	OBJECT ORIENTED PROGRAMMING	113	105	93 %
152	ICT223	COMPUTER ARCHITECTURE	113	103	91 %
153	ICT232	COMMUNICATION TECHNOLOGIES	113	109	96 %
154	ICT243	ORGRANIZATIONAL SYSTEM SECURITY	113	110	97 %
155	ICT253	ROUTING PROTOCOLS AND CONCEPT	113	111	98 %
156	ICT263	LAN SWITCHING AND WIRELESS	113	111	98 %
157	ICT272	WEBSITE PRODUCTION AND MANAGEMENT	113	110	97 %
158	IT204	PROCESS VARIABLE MEASUREMENTS	151	126	83 %
159	IT213	SEMI CONDUCTOR DEVICES & ELECTRONICS CIRUIT	151	81	54 %
160	IT222	ELECTRICAL & ELECTRONICS MEASURING INSTRUMENTS	151	140	93 %
161	IT232	ELECTRICAL CIRCUIT ANALYSIS	151	139	92 %
162	IT254	DIGITAL CIRCUITS & MICROPROCESSOR APPLICATIONS	151	121	80 %
163	IT262	INSTRUMENTATION DRAWING	151	144	95 %
164	IT271	SAFETY PRACTICE	151	143	95 %
165	L&MS214	SURVEY-II	10	2	20 %
166	L&MS223	SURVEY CAMP	10	4	40 %
167	LT214	APPLIED CHEMISTRY-II	34	33	97 %
168	LT224	PRINCIPLES OF LEATHER MANUFACTURING-II	34	33	97 %
169	LT234	CRUSTING OF UPPER AND SOFT LEATHER	34	32	94 %
170	LT244	SHOE MANUFACTURING	34	33	97 %
171	MATH212	APPLIED MATH	9,379	4,609	49 %
172	MATH223	APPLIED MATH	1,395	801	57 %
173	MATH233	APPLIED MATH-II	7,216	4,203	58 %
174	MATH242	MATH-II	10	1	10 %
175	MECH.233	COMPUTER AIDED DESIGN (CAD)	4,013	3,672	92 %
176	MECH.246	WORKSHOP PRACTICE-II	4,013	3,302	82 %
177	MECH.262	METALLURGY	9	4	44 %
178	MECH.272	METROLOGY	4,013	3,380	84 %
179	MECH242	METALLURGY	4,004	3,322	83 %
180	MECH252	METROLOGY	48	42	88 %
181	MGM201	COMMUNICATION SKILLS & REPORT WRITING	4,013	3,709	92 %
182	MGM202	BUSINESS COMMUNICATION AND INDUSTRIAL MANAGEMENT	17	14	82 %
183	MGM211	BUSINESS COMMUNICATION	2,281	1,992	87 %
184	MGM212	COMMUNICATION AND EMPLOYABILITY SKILLS FOR IT	113	111	98 %
185	MGM221	BUSINESS MANAGEMENT & INDUSTRIAL ECONOMICS	10,562	9,548	90 %
186	MGM222	BUSINESS COMMUNICATION & REPORT WRITING	87	85	98 %
187	MGM232	INDUSTRIAL MANAGEMENT & ECONOMICS	702	502	72 %
188	MGM242	BUSINESS MANAGEMENT AND ACCOUNTING	240	196	82 %

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189	MIN213	MINE VENTILATION	29	22	76 %
190	MIN223	GEOLOGY-I	19	11	58 %
191	MIN253	SURVEYING-I	19	17	89 %
192	MIN263	PRACTICAL TRAINING	19	19	100 %
193	MIN273	MINE POWER, DRAINAGE & MATERIAL HANDLING	19	19	100 %
194	MS212(REV.)	MATERIAL SCIENCE	48	33	69 %
195	MT222	ENGINEERING DRAWING & CAD-II	28	23	82 %
196	MT232	ENGINEERING DRAWING & CAD-II	70	53	76 %
197	MT252	METROLOGY	580	464	80 %
198	MTC212	ENGINEERING DRAWING-II AND CAD	7	7	100 %
199	MTM212	MACHINE DRAWING-I	5	4	80 %
200	MTM222	MINE MACHINES-I	5	3	60 %
201	MTM232	APPLIED ELECTRICITY	5	2	40 %
202	MTM242	METALLURGY AND HEAT TREATMENT	5	4	80 %
203	MTM258	PRACTICAL TRAINING	5	5	100 %
204	MTR202	ENGINEERING MATERIALS	87	75	86 %
205	MTR213	DRIVES & LINKAGES	87	84	97 %
206	MTR222	SENSORS & ACTUATORS	87	78	90 %
207	MTR233	MOTORS & GENERATORS	87	64	74 %
208	MTR253	INSTRUMENTATION & MEASUREMENT	87	76	87 %
209	MTR263	ELECTRONIC DEVICES & CIRCUITS	87	49	56 %
210	MTR272	DIGITAL LOGIC DESIGN	87	80	92 %
211	MW202	MACHINE ELEMENTS	70	66	94 %
212	MW212	MACHINE & TOOLS	70	68	97 %
213	MW223	THEORY OF WELDING	70	67	96 %
214	MW262	NON FERROUS METALLURGY	70	68	97 %
215	MW272	PIPE LAYOUT	70	68	97 %
216	MW285	WORKSHOP PRACTICE-II	70	68	97 %
217	PET213	PETROLEUM GEOLOGY	52	50	96 %
218	PET261	WORKSHOP PRACTICE-II	52	51	98 %
219	PET263	FLUID MECHANICS & THERMODYNAMICS	52	51	98 %
220	PET273	PETROCHEMICALS & INDUSTRIAL STOICHIOMETRY	52	50	96 %
221	PET283	DRILLING TECHNOLOGY	52	49	94 %
222	PGA202	OFFSET PRINTING-I	71	61	86 %
223	PGA211	QUALITY ASSURANCE & SAFETY MEASURES	71	69	97 %
224	PGA224	GRAPHIC REPRODUCTION	71	69	97 %
225	PGA233	GRAPHIC DESIGN-II	71	68	96 %
226	PGA242	CONVENTIONAL & DIGITAL PLATE MAKING	71	67	94 %
227	PHY212	APPLIED PHYSICS / APPLIED MECHANICS	5,266	4,685	89 %
228	PHY222	APPLIED PHYSICS	4,965	4,109	83 %
229	PHY242	APPLIED MECHANICS	100	69	69 %
230	PHY243	APPLIED PHYSICS-II	71	41	58 %
231	QS-214	ENGINEERING SURVEY	126	47	37 %
232	QS-225	COST & ESTIMATION I	126	103	82 %
233	QS-232	MEASUREMENT OF CONSTRUCTION WORK	126	112	89 %
234	QS-244	INTRODUCTION TO CONSTRUCTION WORKS	126	67	53 %
235	TC214	ELECTRONIC DEVICES AND CIRCUITS	37	36	97 %

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236	TC223	DIGITAL CIRCUITS AND MICROPROCESSOR	37	35	95 %
237	TC233	MEASURING INSTRUMENTS	37	31	84 %
238	TC243	SWITCHING SYSTEM	37	36	97 %
239	TC253	TRANSMISSION SYSTEMS	37	35	95 %
240	TC263	POWER PLANT	37	36	97 %
241	TD214	TEXTILE CHEMISTRY	59	53	90 %
242	TD223	FIBRE SCIENCE	59	57	97 %
243	TD235	COLORATION-I	59	53	90 %
244	TD242	YARN FORMATION	59	56	95 %
245	TD253(REV.)	TECHNICAL DRAWING AND CAD-I	48	47	98 %
246	TD254	FABRIC FORMATION	59	54	92 %
247	TS212	FIBERS SCIENCE	17	13	76 %
248	TS224	YARN MANUFACTURING TECHNOLOGY	17	16	94 %
249	TS232	TEXTILE SPINNING CALCULATIONS	17	16	94 %
250	TS241	YARN STRUCTURE	17	16	94 %
251	TS251	FIBER POLYMERIZATION AND ADVANCE FIBERS	17	16	94 %
252	TT202	INTRODUCTION TO TEXTILE TESTING & QUALITY CONTROL	100	100	100 %
253	TT221	TECHNICAL TEXTILE	100	99	99 %
254	TW213	FABRIC DESIGN AND STRUCTURE	83	83	100 %
255	TW224	FABRIC MANUFACTURING TECHNOLOGY	83	82	99 %
256	TW232	KNITTING TECHNOLOGY-I	83	83	100 %
257	TW242	TEXTILE WEAVING CALCULATIONS	83	80	96 %
258	WT227	WORKSHOP TECHNOLOGY-II	48	47	98 %