

PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2022

Dated: 31-Aug-2022

SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
1	AD203	PROBLEMS IN I.C ENGINES	591	551	93 %
2	AD212	APPLIED THERMODYNAMICS	202	196	97 %
3	AD213	SUSPENSION, STEERING & BRAKES	724	680	94 %
4	AD224	WORKSHOP PRACTICE-II	724	672	93 %
5	AD232	APPLIED THERMODYNAMICS	724	684	94 %
6	AD234	WORKSHOP PRACTICE-II	202	187	93 %
7	AD243	PROBLEMS IN I.C. ENGINES	202	183	91 %
8	AF223	FARM MACHINERY-I	133	121	91 %
9	AF232	CROP HUSBANDRY	133	128	96 %
10	ARCH212	ENVIRONMENTAL STUDIES-I	205	198	97 %
11	ARCH223	STRUCTURAL MECHANICS & R.C.C DESIGN	205	164	80 %
12	ARCH233	ARCHITECTURAL DRAWING & DESIGN-I	205	183	89 %
13	ARCH242	COMPUTER AIDED DRAFTING AND PRESENTATION-II	205	188	92 %
14	ARCH253	BUILDING MATERIALS AND CONSTRUCTION-II	205	143	70 %
15	ARCH262	HISTORY OF ARCHITECTURE	205	116	57 %
16	ARCH274	SURVEYING AND LEVELLING	205	191	93 %
17	AT215	DIGITAL ELECTRONICS	55	37	67 %
18	AT225	MICRO PROCESSOR	55	32	58 %
19	AT233	AUTOMATION FUNDAMENTALS-II	55	30	55 %
20	AT241	INDUSTRIAL MATERIALS	55	48	87 %
21	AT253	ELECTRONIC DEVICES & CIRCUITS	55	45	82 %
22	BMI214	SOLID STATE ELECTRONICS	50	43	86 %
23	BMI223	ELECTRICAL MACHINES AND INDUSTRIAL ELECTRONICS	50	48	96 %
24	BMI232	DIGITAL ELECTRONICS	50	47	94 %
25	BMI242	OPERATIONAL AMPLIFIER AND APPLICATIONS	50	49	98 %
26	BMI252	PATIENT SAFETY AND ULTRASOUND RADIATION PHYSICS	50	49	98 %
27	BMI264	X-RAYS FILM PROCESSING EQUIPMENT	50	49	98 %
28	CH213	APPLIED CHEMISTRY	926	423	46 %
29	CH222	APPLIED CHEMISTRY	30	24	80 %
30	CH243	APPLIED CHEMISTRY-I	62	13	21 %
31	CHT244	ORGANIC CHEMISTRY	30	30	100 %
32	CHT244(REV.)	ORGANIC CHEMISTRY	563	504	90 %
33	CHT254(REV.)	INDUSTRIAL CHEMICAL PROCESS-I	593	537	91 %
34	CHT263	QUANTITATIVE ANALYSIS	593	509	86 %
35	CHT271	SAFETY PRACTICE & PROCEDURE	593	580	98 %
36	CHT283	PHYSICAL CHEMISTRY	593	444	75 %
37	CHT293	CHEMICAL ENGINEERING-I	593	540	91 %
38	CIT212	OBJECT ORIENTED PROGRAMMING WITH JAVA	834	759	91 %
39	CIT223	COMPUTER NETWORKS	834	754	90 %
40	CIT235	MICROPROCESSOR ARCHITECTURE	834	604	72 %
41	CIT244	ELECTRONICS-II	834	520	62 %
42	CIT263	RELATIONAL DATABASE MANAGEMENT SYSTEM	834	737	88 %
43	CIVIL203	PUBLIC HEALTH TECHNOLOGY	3,272	1,464	45 %
44	CIVIL214	ADVANCED CIVIL ENGINEERING SURVEYING	3,272	1,590	49 %
45	CIVIL223	ADVANCED CONSTRUCTION TECHNIQUES	3,272	2,427	74 %
46	CIVIL232	QUANTITY SURVEYING	3,272	2,119	65 %
47	CIVIL243	CIVIL ENGINEERING DRAWING & AUTOCAD	3,272	2,852	87 %

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48	CIVIL244	CIVIL ENGINEERING DRAWING & AUTO CAD	120	105	88 %
49	CIVIL263	ENGINEERING MECHANICS	3,272	2,422	74 %
50	CIVIL271	ENTREPRENEURSHIP	3,272	3,039	93 %
51	CMFT257	WORKSHOP PRACTICE-II	8	8	100 %
52	CMT213	FUEL SYSTEM	202	187	93 %
53	CMT224	OPERATION OF CONSTRUCTION MACHINERY	202	191	95 %
54	COMP213	COMPUTER APPLICATION SOFTWARE	37	35	95 %
55	COMP214	COMPUTER ORGANIZATION & BASIC PROGRAMMING	13	13	100 %
56	COMP223	ELECTRONICS DEVICES & CIRCUITS-II	13	13	100 %
57	COMP232	MOTOR & POWER SUPPLIES	13	13	100 %
58	COMP243	DIGITAL ELECTRONICS & MICRO PROCESSOR	13	12	92 %
59	COMP253	MEASURING INSTRUMENTS	13	10	77 %
60	COMP262	COMPUTER-II	41	18	44 %
61	COMS211	COMMUNICATION SKILLS	646	590	91 %
62	CT243	CIVIL DRAFTING-II	11	11	100 %
63	CT262	QUANTITY SURVEYING-I	11	8	73 %
64	ELECT.212	APPLIED ELECTRICITY AND ELECTRONICS	3,666	3,025	83 %
65	ELECT202	APPLIED ELECTRICITY AND ELECTRONICS	63	50	79 %
66	ELT214	ELECTRONICS DEVICES & CIRCUITS	1	0	0 %
67	ELT222	MOTORS & GENERATORS	56	31	55 %
68	ELT233	MEASURING INSTRUMENTS	51	49	96 %
69	ELT243	PULSE & DIGITAL CIRCUITS	1	1	100 %
70	ELT252	COMMUNICATION SYSTEM-I	1	1	100 %
71	ELT264	AMPLIFIERS & RADIO RECEIVERS	1	0	0 %
72	ELTM212	APPLIED MECHANICS	21	19	90 %
73	ELTM222	MINING-I	21	16	76 %
74	ELTM232	INDUSTRIAL ECONOMICS	21	18	86 %
75	ELTR212(REV.)	PROPAGATION OF ELECTROMAGNETIC WAVES	646	432	67 %
76	ELTR225	ANALOG ELECTRONICS	646	508	79 %
77	ELTR233(REV.)	ELECTRICAL INSTRUMENTS & MEASUREMENTS	646	460	71 %
78	ELTR243(REV.)	ELECTRICAL MACHINES	646	316	49 %
79	ELTR253	COMMUNICATION SYSTEMS	646	459	71 %
80	ELTR264	DIGITAL ELECTRONICS	646	520	80 %
81	ELTR271	PCB FABRICATION	646	626	97 %
82	ENG272	ENGLISH-II	21	14	67 %
83	ET203	D.C. MACHINES & BATTERIES	4,574	3,584	78 %
84	ET212	APPLIED ELECTRICITY & ELECTRONICS	44	33	75 %
85	ET213	D.C MACHINES & BATTERIES	16	8	50 %
86	ET223	ELECTRICAL INSTRUMENT & MEASUREMENT	16	9	56 %
87	ET233	UTILIZATION OF ELECTRICAL ENERGY	2	1	50 %
88	ET233(REV.)	UTILIZATION OF ELECTRICAL ENERGY	14	8	57 %
89	ET242	INSTALLATION PLANNING & ESTIMATING	16	10	63 %
90	ET243	APPLIED ELECTRICITY	17	16	94 %
91	ET251	APPLICATION OF COMPUTERS IN ELECT. TECH	16	14	88 %
92	ET252	ELECTRICAL INSTALLATION PLANNING & ESTIMATING	4,574	4,284	94 %
93	ET253	UTILIZATION OF ELECTRICAL ENERGY	4,574	3,883	85 %
94	ET261	APPLICATIONS OF COMPUTERS IN ELECTRICAL TECH.	4,574	4,503	98 %

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95	ET263	BASIC ELECTRONICS	2	1	50 %
96	ET263(REV.)	BASIC ELECTRONICS	14	5	36 %
97	ET271	WORKSHOP PRACTICE-II (BASIC MACHINE SHOP)	16	14	88 %
98	ET273	ELECTRICAL INSTRUMENTS & MEASUREMENTS	4,574	3,246	71 %
99	ET282	DIGITAL LOGIC DESIGN	4,574	3,882	85 %
100	ET283	BASIC ELECTRONICS	4,574	2,824	62 %
101	ETM212	UTILIZATION OF ELECTRICAL ENERGY	18	17	94 %
102	ETM222	ELECTRICAL MACHINES-I	18	17	94 %
103	ETM232	BASIC ELECTRICITY AND CIRCUIT	18	17	94 %
104	ETM242	MINING LAW	18	17	94 %
105	ETM258	PRACTICAL TRAINING	18	16	89 %
106	FDT214	DRAWING & DRAFTING ESSENTIALS-II	6	6	100 %
107	FDT221	ADVANCE DESIGN-I	6	6	100 %
108	FDT232	CAD & MODELING ESSENTIALS	6	6	100 %
109	FDT243	WOODWORKING TOOLS & HARDWARE	6	6	100 %
110	FDT254	WOODWORKING MACHINES-I	6	6	100 %
111	FDT261	MEASUREMENT & COST CALCULATION-I	6	6	100 %
112	FDT272	WOODWORKING PRODUCTION TECHNOLOGY-II	6	6	100 %
113	FP212(REV.)	FOUNDRY TECHNOLOGY-II	8	6	75 %
114	FP214	FOUNDRY TECHNOLOGY-II	5	4	80 %
115	FP221(REV.)	TOOLS & EQUIPMENTS-II	8	5	63 %
116	FP224	ADVANCE PATTERN MAKING	5	5	100 %
117	FP232(REV.)	METALLURGY-II	8	3	38 %
118	FP242	PATTERN MAKING-II	8	8	100 %
119	FP244	WORKSHOP PRACTICE	5	5	100 %
120	FP252	NON-FERROUS METALLURGY	5	3	60 %
121	FPPT213	FRUIT AND VEGETABLE PROCESSING TECHNOLOGY	84	79	94 %
122	FPPT223(REV.)	CEREAL AND BAKING TECHNOLOGY	84	71	85 %
123	FPPT233(REV.)	DAIRY PROCESSING TECHNOLOGY	84	57	68 %
124	FPPT242	OIL AND FAT PROCESSING TECHNOLOGY	84	76	90 %
125	FPPT252	SUGAR AND CONFECTIONERY TECHNOLOGY	84	78	93 %
126	FPPT273	GENERAL & FOOD MICROBIOLOGY	84	60	71 %
127	FPPT283	FOOD CHEMISTRY & INSTRUMENTATION	84	75	89 %
128	FT203	FOOD CHEMISTRY & ANALYSIS	92	83	90 %
129	FT223	FRUITS,VEGETABLES & BEVERAGE TECHNOLOGY	92	87	95 %
130	FT232	FATS & OILS TECHNOLOGY	92	89	97 %
131	FT243	MEAT, POULTRY & FISH TECHNOLOGY	92	76	83 %
132	FT262	FOOD PLANT LAYOUT & HYGIENE	92	82	89 %
133	FT271	FOOD PACKAGING	92	81	88 %
134	FT282	SUGAR & CONFECTIONERY TECHNOLOGY	92	84	91 %
135	FT291	FOOD LAWS & STANDARDS	92	81	88 %
136	FTW214	DESIGN & PATTERN ENGINEERING-II	35	34	97 %
137	FTW223	FOOTWEAR PRODUCTION TECHNOLOGY-II	35	35	100 %
138	FTW232	GRADING OF SHOE COMPONENTS	35	35	100 %
139	FTW244	FOOTWEAR MATERIALS-I	35	35	100 %
140	FTW254	FOOT ANATOMY & LAST MODELING	35	35	100 %
141	GCT202	WORKSHOP TECHNIQUES	26	25	96 %

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142	GCT213	GLASS TECHNOLOGY	26	23	88 %
143	GCT224	PARTICLE SIZE REDUCTION & GLAZES	26	25	96 %
144	GCT243	PROPERTIES OF GLASS & CERAMICS MATERIALS	26	24	92 %
145	GCT253	CERAMIC PRODUCTION TECHNIQUE	26	25	96 %
146	GCT263	CERAMIC RAW MATERIALS	26	24	92 %
147	GEN211	ISLAMIAT & PAK STUDIES/ETHICS & PAK STUDIES	16,095	14,598	91 %
148	GEN221	COMMUNICATIONS SKILLS & REPORT WRITING	3,392	3,148	93 %
149	GEN271	ISLAMIAT & PAKSTUDIES / ETHICS & PAKSTUDIES	21	18	86 %
150	HVAC214	PRINCIPLE OF AIR CONDITIONING	161	123	76 %
151	HVAC223	APPLIED THERMODYNAMICS IN HVAC & R SYSTEMS	161	128	80 %
152	HVAC233	ENGINEERING ARCHITECTURAL & COMPUTER AIDED DRAWING	161	126	78 %
153	HVAC243	ADVANCE REFRIGERATION	161	144	89 %
154	HVAC253	HVAC & R WORKSHOP PRACTICE-II	161	145	90 %
155	ICT212	OBJECT ORIENTED PROGRAMMING	101	81	80 %
156	ICT223	COMPUTER ARCHITECTURE	101	45	45 %
157	ICT232	COMMUNICATION TECHNOLOGIES	101	92	91 %
158	ICT243	ORGRANIZATIONAL SYSTEM SECURITY	101	93	92 %
159	ICT253	ROUTING PROTOCOLS AND CONCEPT	101	74	73 %
160	ICT263	LAN SWITCHING AND WIRELESS	101	65	64 %
161	ICT272	WEBSITE PRODUCTION AND MANAGEMENT	101	92	91 %
162	IT204	PROCESS VARIABLE MEASUREMENTS	109	77	71 %
163	IT213	SEMI CONDUCTOR DEVICES & ELECTRONICS CIRUIT	109	19	17 %
164	IT222	ELECTRICAL & ELECTRONICS MEASURING INSTRUMENTS	109	69	63 %
165	IT232	ELECTRICAL CIRCUIT ANALYSIS	109	35	32 %
166	IT254	DIGITAL CIRCUITS & MICROPROCESSOR APPLICATIONS	109	82	75 %
167	IT262	INSTRUMENTATION DRAWING	109	83	76 %
168	IT271	SAFETY PRACTICE	109	109	100 %
169	L&MS214	SURVEY-II	11	9	82 %
170	L&MS223	SURVEY CAMP	11	11	100 %
171	LT214	APPLIED CHEMISTRY-II	37	25	68 %
172	LT224	PRINCIPLES OF LEATHER MANUFACTURING-II	37	37	100 %
173	LT234	CRUSTING OF UPPER AND SOFT LEATHER	37	37	100 %
174	LT244	SHOE MANUFACTURING	37	36	97 %
175	MATH212	APPLIED MATH	8,569	4,234	49 %
176	MATH223	APPLIED MATH-II	1,078	543	50 %
177	MATH233	APPLIED MATH	6,448	2,640	41 %
178	MATH242	MATH-II	21	2	10 %
179	MECH.233	COMPUTER AIDED DESIGN (CAD)	3,666	3,392	93 %
180	MECH.246	WORKSHOP PRACTICE-II	3,666	2,811	77 %
181	MECH.262	METALLURGY	3,666	2,343	64 %
182	MECH.272	METROLOGY	3,666	3,034	83 %
183	MECH223	ENGINEERING DRAWINGS-II	2	2	100 %
184	MECH236	WORKSHOP PRACTICE-II	2	0	0 %
185	MECH242	METALLURGY	2	2	100 %
186	MECH252	METROLOGY	58	54	93 %
187	MGM201	COMMUNICATION SKILLS & REPORT WRITING	3,666	3,452	94 %
188	MGM202	BUSINESS COMMUNICATION AND INDUSTRIAL MANAGEMENT	6	6	100 %

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189	MGM211	BUSINESS COMMUNICATION	1,803	1,716	95 %
190	MGM212	COMMUNICATION AND EMPLOYABILITY SKILLS FOR IT	101	98	97 %
191	MGM221	BUSINESS MANAGEMENT & INDUSTRIAL ECONOMICS	9,479	8,773	93 %
192	MGM222	BUSINESS COMMUNICATION & REPORT WRITING	87	82	94 %
193	MGM232	INDUSTRIAL MANAGEMENT & ECONOMICS	724	656	91 %
194	MGM242	BUSINESS MANAGEMENT AND ACCOUNTING	223	158	71 %
195	MIN213	MINE VENTILATION	28	28	100 %
196	MIN223	GEOLOGY-I	17	17	100 %
197	MIN253	SURVEYING-I	17	16	94 %
198	MIN263	PRACTICAL TRAINING	17	17	100 %
199	MIN273	MINE POWER, DRAINAGE & MATERIAL HANDLING	17	17	100 %
200	MS212(REV.)	MATERIAL SCIENCE	56	29	52 %
201	MT222	ENGINEERING DRAWING & CAD-II	5	3	60 %
202	MT232	ENGINEERING DRAWING & CAD-II	61	54	89 %
203	MT252	METROLOGY	591	552	93 %
204	MTC212	ENGINEERING DRAWING-II AND CAD	8	8	100 %
205	MTM212	MACHINE DRAWING-I	3	2	67 %
206	MTM222	MINE MACHINES-I	3	1	33 %
207	MTM232	APPLIED ELECTRICITY	3	2	67 %
208	MTM242	METALLURGY AND HEAT TREATMENT	3	2	67 %
209	MTM258	PRACTICAL TRAINING	3	2	67 %
210	MTR202	ENGINEERING MATERIALS	87	70	80 %
211	MTR213	DRIVES & LINKAGES	87	77	89 %
212	MTR222	SENSORS & ACTUATORS	87	82	94 %
213	MTR233	MOTORS & GENERATORS	87	79	91 %
214	MTR253	INSTRUMENTATION & MEASUREMENT	87	72	83 %
215	MTR263	ELECTRONIC DEVICES & CIRCUITS	87	73	84 %
216	MTR272	DIGITAL LOGIC DESIGN	87	84	97 %
217	MW202	MACHINE ELEMENTS	61	60	98 %
218	MW212	MACHINE & TOOLS	61	60	98 %
219	MW223	THEORY OF WELDING	61	60	98 %
220	MW262	NON FERROUS METALLURGY	61	59	97 %
221	MW272	PIPE LAYOUT	61	60	98 %
222	MW285	WORKSHOP PRACTICE-II	61	60	98 %
223	PCT203	FLUID MECHANICS & THERMODYNAMICS	7	7	100 %
224	PCT215	PETROLEUM DRILLING & PRODUCTION TECHNOLOGY	7	7	100 %
225	PCT223	FUELS & COMBUSTION	7	7	100 %
226	PCT233	INSTRUMENTAL METHODS OF ANALYSIS	7	7	100 %
227	PCT243	PETRO CHEMICAL INDUSTRIES-I	7	7	100 %
228	PET213	PETROLEUM GEOLOGY	37	35	95 %
229	PET261	WORKSHOP PRACTICE-II	37	36	97 %
230	PET263	FLUID MECHANICS & THERMODYNAMICS	37	35	95 %
231	PET273	PETROCHEMICALS & INDUSTRIAL STOICHIOMETRY	37	36	97 %
232	PET283	DRILLING TECHNOLOGY	37	32	86 %
233	PGA202	OFFSET PRINTING-I	62	52	84 %
234	PGA211	QUALITY ASSURANCE & SAFETY MEASURES	62	62	100 %
235	PGA224	GRAPHIC REPRODUCTION	62	49	79 %

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236	PGA233	GRAPHIC DESIGN-II	62	60	97 %
237	PGA242	CONVENTIONAL & DIGITAL PLATE MAKING	62	52	84 %
238	PHY212	APPLIED PHYSICS / APPLIED MECHANICS	4,938	3,113	63 %
239	PHY222	APPLIED PHYSICS	4,590	3,333	73 %
240	PHY242	APPLIED MECHANICS	47	33	70 %
241	PHY243	APPLIED PHYSICS-II	62	48	77 %
242	QS-214	ENGINEERING SURVEY	120	65	54 %
243	QS-225	COST & ESTIMATION I	120	63	53 %
244	QS-232	MEASUREMENT OF CONSTRUCTION WORK	120	100	83 %
245	QS-244	INTRODUCTION TO CONSTRUCTION WORKS	120	37	31 %
246	TC214	ELECTRONIC DEVICES AND CIRCUITS	29	29	100 %
247	TC223	DIGITAL CIRCUITS AND MICROPROCESSOR	29	29	100 %
248	TC233	MEASURING INSTRUMENTS	29	28	97 %
249	TC243	SWITCHING SYSTEM	29	29	100 %
250	TC253	TRANSMISSION SYSTEMS	29	27	93 %
251	TC263	POWER PLANT	29	28	97 %
252	TD214	TEXTILE CHEMISTRY	44	42	95 %
253	TD223	FIBRE SCIENCE	44	41	93 %
254	TD235	COLORATION-I	44	41	93 %
255	TD242	YARN FORMATION	44	43	98 %
256	TD253(REV.)	TECHNICAL DRAWING AND CAD-I	56	55	98 %
257	TD254	FABRIC FORMATION	44	40	91 %
258	TS212	FIBERS SCIENCE	7	7	100 %
259	TS224	YARN MANUFACTURING TECHNOLOGY	7	7	100 %
260	TS232	TEXTILE SPINNING CALCULATIONS	7	6	86 %
261	TS241	YARN STRUCTURE	7	7	100 %
262	TS251	FIBER POLYMERIZATION AND ADVANCE FIBERS	7	7	100 %
263	TT202	INTRODUCTION TO TEXTILE TESTING & QUALITY CONTROL	47	46	98 %
264	TT221	TECHNICAL TEXTILE	47	46	98 %
265	TW213	FABRIC DESIGN AND STRUCTURE	40	38	95 %
266	TW224	FABRIC MANUFACTURING TECHNOLOGY	40	39	98 %
267	TW232	KNITTING TECHNOLOGY-I	40	39	98 %
268	TW242	TEXTILE WEAVING CALCULATIONS	40	39	98 %
269	WT227	WORKSHOP TECHNOLOGY-II	56	54	96 %