

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

Indent of Question Papers for Diploma in Engineering/Technological Examinations

Semester System of Examinations Day-time to be held on _____

Note: This format is to be used for submission of indent of question papers for the students of OLD SYLLABUS (Prior to 2008-09). The indent of question papers for the students of NEW SYLLABUS (Revised in 2008-09) need not to be submitted. The same will be calculated automatically by the system.

Name of the Institute: _____

1st Semester (for Casual students of OLD Syllabus only) (Having Full Marks of 100 or 50)

Branch	Sl. No.	Name of the Subject	Code No.	Number of Candidates likely to appear	Total Requirement
				A	A + 10
Common to all except MOPM	1	Mathematics	101(SO)		
	2	Communication Skills (Studies)	102(SO)		
	3	Physics-I	103(SO)		
	4	Chemistry-I	104(SO)		
Common to all except FT, IDHF, PHO, DP & MOPM	5	Engineering Mechanics	105(SO)		
Common to FT & IDHF	6	Visual Design-I	106(SO)		
PHO	7	Basic Engineering for Photography	107(SO)		
DP	8	Basic Engineering for Printing	108(SO)		
MOPM	9	Behavioural Principles	109(SO)		
	10	Communication in English	110(SO)		
	11	Principles of Management-I	111(SO)		
	12	Stenography & Type Writing-I	112(SO)		
	13	Business Mathematics	113(SO)		

3rd Semester (for Casual students of OLD Syllabus only) (Having Full Marks of 100 or 50)

Branch	Sl. No.	Name of the Subject	Code No.	Number of Candidates likely to appear	Total Requirement
				A	A + 10
Common to All	1	Environmental Engineering	301(SO)		
Common to all except ARCH, ETCE, FT, IDHF, MOPM & PHO	2	Basic Electronics	302(SO)		
Common to all except ARCH, CE, ETCE, FT, FWT, IDHF, MIN, MET, MS, MOPM, PHO, DP & SE	3	Programming in C	303(SO)		
CST, CSWT & IT	4	Discrete Mathematics	304(SO)		
CST, CSWT, IT & MLT	5	Digital Logic Design	305(SO)		

CST & CSWT	6	Computer Organisation	306(SO)		
EE & INST	7	Circuit Theory	307(SO)		
MS & SE	8	Chain & Compass Survey	308(SO)		
	9	Levelling & Plane Table Surveying	309(SO)		
ARCH & IDHF	10	Materials & Methods of Construction-I	310(SO)		
	11	Building Services & Equipments-I	311(SO)		
ARCH	12	Theory of Structures	312(SO)		
	13	History of Architecture-I	313(SO)		
AE	14	Heat Power Engineering-I	314(SO)		
	15	Automobile Engine-I	315(SO)		
	16	Automobile Chassis-I	316(SO)		
CHE	17	Fundamentals of Chemical Engineering	317(SO)		
	18	Fluid Mechanics	318(SO)		
	19	Chemical Engineering Thermodynamics	319(SO)		
CE	20	Building Materials & Construction	320(SO)		
	21	Hydraulics & Hydraulic Structure	321(SO)		
	22	Field Surveying-I	322(SO)		
	23	Quantity Surveying	323(SO)		
	24	Civil Engineering Drawing-I (4 Hrs. Exam)	324(SO)		
EE	25	Electrical Machines-I	325(SO)		
	26	Electrical Measurement & Measuring Instruments	326(SO)		
ETCE	27	Network Analysis	327(SO)		
	28	Analog Electronics-I	328(SO)		
	29	C Programming	329(SO)		
	30	Digital Electronics	330(SO)		
	31	Electrical Engineering	331(SO)		
FT	32	History of Art-II	332(SO)		
	33	Historical Costumes	333(SO)		
	34	Contemporary Fashion	334(SO)		
	35	Textile Fibres & Fabrics-I	335(SO)		
FPT	36	Food Microbiology	336(SO)		
	37	Food Biochemistry	337(SO)		
	38	Food & Agro-Processing Fundamentals	338(SO)		
FWT	39	Principle of Footwear Manufacture	339(SO)		
	40	Method of Footwear Manufacture	340(SO)		
	41	Principle of Shoe Designing & Pattern Cutting	341(SO)		
IDHF	42	History of Interior Design & Furniture-I	342(SO)		
	43	History of Architecture	343(SO)		
IT	44	Computer System Architecture	344(SO)		
INST	45	Electrical Machine	345(SO)		
	46	Electrical Measurement	346(SO)		
ME	47	Mechanics of Materials	347(SO)		
	48	Heat Power-I	348(SO)		

	49	Machine Tool-I	349(SO)		
MLT	50	Anatomy	350(SO)		
	51	Physiology	351(SO)		
MET	52	Basic Metallurgy	352(SO)		
	53	Fuel, Furnace & Refractory	353(SO)		
	54	Mechanical Testing of Metals	354(SO)		
MS	55	Methods of Mining	355(SO)		
MIN	56	Introduction to Mining	356(SO)		
	57	Explosives, Blasting Practices & Gas Detection	357(SO)		
MOPM	58	Visual Basic	358(SO)		
	59	Business Statistics-II	359(SO)		
	60	Conversational English-II	360(SO)		
	61	Advanced Accountancy	361(SO)		
	62	Principles of Banking	362(SO)		
PHO	63	Principles of Photography	363(SO)		
	64	Lighting Techniques	364(SO)		
	65	Indoor & Outdoor Still Photography-I	365(SO)		
	66	Darkroom Techniques for Still Photography-I	366(SO)		
	67	Photography Design	367(SO)		
DP	68	Presswork-I	368(SO)		
	69	Pre-Press Reproduction Technique	369(SO)		
	70	Letter Assembly	370(SO)		
PE	71	Strength of Materials & Engineering Design	371(SO)		
	72	Machining Technology & Machine Tools	372(SO)		
	73	Analysis of Mechanism & Machines	373(SO)		
SE	74	Cartography	374(SO)		

5th Semester (for Casual students of OLD Syllabus only) (Having Full Marks of 100 or 50)

Branch	Sl. No.	Name of the Subject	Code No.	Number of Candidates likely to appear	Total Requirement
				A	A + 10
Common to All except MIN, MLT, MOPM & MS	1	Industrial Management	501(SO)		
CST, CSWT & IT	2	Operating Systems	502(SO)		
	3	Database Management System	503(SO)		
	4	Automata Theory	504(SO)		
CST & CSWT	5	Numerical Methods	505(SO)		
MIN & MS	6	Electrical Engineering & Mechanical Engineering	506(SO)		
MS & SE	7	Curve & Triangulation	507(SO)		
	8	Modern Survey	508(SO)		
ARCH & IDHF	9	Materials & Methods of Construction - III	509(SO)		
	10	Estimating-Cosing, Specification & Valuation - I	510(SO)		

ARCH	11	Design of Structure - II	511(SO)		
	12	Contemporary Architecture - I	512(SO)		
	13	Alternative Building Technology - I (Elective)	513/1(SO)		
	14	Interior Design - I (Elective)	513/2(SO)		
	15	Landscape Design - I (Elective)	513/3(SO)		
AE	16	Maintenance & Service Station Management	514(SO)		
	17	Automobile Chasis - II	515(SO)		
	18	Manufacturing Process	516(SO)		
	19	Theory of Machines	517(SO)		
	20	Earth Moving Equipment & Farm Machinery - I	518(SO)		
CE	21	Soil Mechanics	519(SO)		
	22	Structural Design & Detailing - I	520(SO)		
	23	Transportation Engineering - I	521(SO)		
	24	Water & Waste Water Engineering - II	522(SO)		
	25	Advanced Transport Engineering - I (Elective)	523/1(SO)		
	26	Concrete Technology - I (Elective)	523/2(SO)		
CHE	27	Energy Engineering	524(SO)		
	28	Chemical Technology - I	525(SO)		
	29	Separation Process - I	526(SO)		
	30	Process Control Engineering	527(SO)		
	31	Metallurgy & Material Science - I (Elective)	528/1(SO)		
	32	Petroleum Refinery Engineering & Petrochemicals-II (Elective)	528/2(SO)		
CST	33	Computer Architecture	529(SO)		
CSWT	34	Computer Graphics	530(SO)		
EE	35	Power Plant Engineering	531(SO)		
	36	Transmission & Distribution Power	532(SO)		
	37	Industrial Electronics	533(SO)		
	38	Electrical Design & Estimating	534(SO)		
	39	Computer Network - I (Elective) (Common with ETCE)	535/540(SO)		
	40	Non-Conventional Energy - I (Elective)	535/1(SO)		
	41	Process Control & Instrumentation - I (Elective)	535/2(SO)		
	42	Utilisation & Traction, Industrial Heating & Drives-I (Elective)	535/3(SO)		
ETCE	43	Electronic Measurement (For ETCE)	536(SO)		
	44	Communication Engineering - II	537(SO)		
	45	Industrial Electronics - I	538(SO)		
	46	Microprocessor - II	539(SO)		
	47	Computer Network - I (Elective) (Common with EE)	535/540(SO)		
	48	Medical Electronics - I (Elective)	540/1(SO)		
	49	PC Hardware Maintenance - I (Elective)	540/2(SO)		
	50	Microbial Technology	541(SO)		
	51	Technology of Food - I	542(SO)		
	52	Technology of Food - II	543(SO)		

FPT	53	Technology of Food - III	544(SO)		
	54	Bakery & Confectionary Technology - I (Elective)	545/1(SO)		
	55	Food Bio-Technology - I (Elective)	545/2(SO)		
	56	Fruit & Vegetable Processing Technology - I (Elective)	545/3(SO)		
INST	57	Applied Electronics	546(SO)		
	58	Process Instrumentation - I	547(SO)		
	59	Process Control	548(SO)		
	60	Analytical Instrumentation	549(SO)		
	61	Microprocessor & Computer Architecture - I (Elective)	550/1(SO)		
	62	Biomedical Instrumentation - I (Elective)	550/2(SO)		
IT	63	Principles of Communication	551(SO)		
ME	64	Fluid Mechanics	552(SO)		
	65	Heat Power - III	553(SO)		
	66	Manufacturing Process & Metrology	554(SO)		
	67	Advance Machine Tools & General Maintenance	555(SO)		
	68	Automobile Engineering - I (Elective)	556/1(SO)		
	69	CAD CAM - I (Elective)	556/2(SO)		
	70	Non-Conventional Energy Sources - I (Elective)	556/3(SO)		
	71	Power Plant Engineering - I (Elective)	556/4(SO)		
MET	72	Refrigeration & Air-Conditioning - I (Elective)	556/5(SO)		
	73	Iron Making	557(SO)		
	74	Physical Metallurgy - II	558(SO)		
	75	Foundry Technology	559(SO)		
	76	Welding Technology	560(SO)		
MIN	77	Ferro Alloys & Sponge Iron Production	561(SO)		
	78	Mine Management, Legislation & General Safety - I	562(SO)		
	79	Special Underground Methods, Rock Mechanics & Fuel Tech.	563(SO)		
MLT	80	Mine Surveying - I	564(SO)		
	81	Hospital & Industrial Management	565(SO)		
	82	Hematology & Body Fluid	566(SO)		
	83	Biomedical Instrumentation - II	567(SO)		
	84	Installation Maintenance & Care	568(SO)		
	85	Electronic Measurement (For MLT)	569(SO)		
	86	Human Performance Engineering (Elective)	570/1(SO)		
MOPM	87	Medical Techniques (Elective)	570/2(SO)		
	88	Industrial Relations	571(SO)		
	89	Entrepreneurship Development	572(SO)		
	90	Marketing Management	573(SO)		
	91	Indian Constitution & Contemporary Economic Problems	574(SO)		
	92	Office Administration - I (Elective)	575/1(SO)		
MS	93	Record Management Principles - I (Elective)	575/2(SO)		
	94	Shaft & Subsidence Survey	576(SO)		
	95	Mine Correlation & Joint Survey	577(SO)		
	96	Mine Management, Legislation & Safety	578(SO)		
	97	Production Management	579(SO)		

PE	98	Product Inspection And Quality Control	580(SO)		
	99	Technology of Mass Production	581(SO)		
	100	Tool Engineering	582(SO)		
	101	Material Handling - I (Elective)	583/1(SO)		
DP	102	Printers' Costing & Estimating	584(SO)		
	103	Printing Machine Maintenance - I	585(SO)		
	104	Binding & Finishing - I	586(SO)		
	105	Planographic Printing Technique - I	587(SO)		
	106	Surface Preparation Technique - I	588(SO)		
	107	Typography & Graphics - I (Elective)	589/1(SO)		
	108	Graphic Reproduction - I (Elective)	589/2(SO)		
	109	Printing Surfaces - I (Elective)	589/3(SO)		
PHO	110	Machine Printing - I (Elective)	589/4(SO)		
	111	Videography - I	590(SO)		
	112	Filming & Editing Techniques - I	591(SO)		
	113	Motion Picture Photography - I	592(SO)		
	114	Light & Sound in Motion Picture Photography - I	593(SO)		
	115	Multimedia & Animation - II	594(SO)		
	116	Short Film / Video Production - I (Elective)	595/1(SO)		
SE	117	Film Appreciation - I (Elective)	595/2(SO)		
	118	Topography & Hydrography	596(SO)		
	119	Tunnel and Mine Surveying	597(SO)		
	120	Municipal Engineering (Elective)	598/1(SO)		
FWT	121	Town & Country Planning (Elective)	598/2(SO)		
	122	Footwear Manufacturing Techniques	599A-1(SO)		
	123	Principles of Footwear Designing & Pattern Developing	599A-2(SO)		
	124	Footwear Machinery & Sciences - I	599A-3(SO)		
	125	Costing & Quality Control	599A-4(SO)		
	126	Leather Technology - I (Elective)	599A-5/1(SO)		
IDHF	127	Leather Goods Technology - I (Elective)	599A-5/2(SO)		
	128	Contemporary Interior Design & Furniture	599B-1(SO)		
	129	Interior Design Accessories	599B-2(SO)		
	130	Advanced Furniture Design-I (Elective)	599B-3/1(SO)		
	131	Stage Craft Design-I (Elective)	599B-3/2(SO)		