



WEST BENGAL STATE COUNCIL OF TECHNICAL & VOCATIONAL EDUCATION & SKILL DEVELOPMENT  
(Technical Education Division)

Examination Programme for External Examinations of Theoretical Subjects for the 5th Semester Diploma Students (NEW SYLLABUS)  
in Engineering & Technology/Architecture/MOPM (Academic Session 2022-23)

Date	Time	Architecture (ARCH)	Agricultural Engineering (AGR)	Automobile Engineering (AE)	Chemical Engineering (CHE)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Design of Structure 503/1(N)	Irrigation & Drainage Engineering 502/1(N)	Fluid Power 501/1(N)	Mass Transfer - II 506/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Estimating, Costing, Specification & Valuation-I 503/2(N)	Farm Power 502/2(N)	Automotive Electrical & Electronics 501/2(N)	Chemical Reaction Engineering 506/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Contemporary Architecture-I 503/3(N)	Refrigeration and Air Conditioning 502/3(N)	M V Act & Transport Management 501/3(N)	Process Control 506/3(N)
27.03.2023 MON	10.30 a.m. to 1 p.m.	Architectural Professional Practice 503/4(N)	Seed Processing Technology 502/4E(N)	Modern Manufacturing Methods [501/4E(N)], Automobile Air Conditioning [501/5E(N)]	Instrumentation 506/4(N)
29.03.2023 WED	10.30 a.m. to 1 p.m.	Building Maintenance & Repairing 503/6E(N)	Soil And Water Conservation 502/5E(N)	Earth Moving Equipment and Farm Machinery [501/6E(N)], Two & Three Wheeler's [501/7E(N)]	Plant Utilities [506/5E(N)], Ceramic Technology [506/6E(N)]
31.03.2023 FRI	10.30 a.m. to 1 p.m.	—	—	—	Petroleum Refinery Engineering 506/7E(N)
	10.30 a.m. to 4.30 p.m.	Architectural Design-III 503/5(N)	—	—	—

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Date	Time	Civil Engineering (CE)	Computer Science & Technology (CST)	Computer Software Technology (CSWT)	Information Technology (IT)	Computer Science & Engineering (CSE)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Water Resource Engineering 504/1(N)	Microprocessor & Microcontroller (based on 8086 & 8051) 507/1(N)	Microprocessor & Microcontroller (based on 8086 & 8051) 507/1(N)	Microprocessor & Microcontroller (based on 8086 & 8051) 507/1(N)	Microprocessor & Microcontroller (based on 8086 & 8051) 507/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Estimating, Costing and Valuation 504/2(N)	Internet of Things 507/2(N)	Internet of Things 507/2(N)	Internet of Things 507/2(N)	Internet of Things 507/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Safety Engineering & Management in the Construction Sector 504/3(N)	Mobile Computing [507/3E(N)], Advanced Computer Network [507/4E(N)]	Mobile Computing [507/3E(N)], Advanced Computer Network [507/4E(N)]	Mobile Computing [507/3E(N)], Advanced Computer Network [507/4E(N)]	Mobile Computing [507/3E(N)], Advanced Computer Network [507/4E(N)]
27.03.2023 MON	10.30 a.m. to 1 p.m.	Advanced Design of Structures [504/4E(N)], Traffic Engineering [504/5E(N)]	Theory of Automata [507/5E(N)], Fundamentals of AI [507/6E(N)]	Theory of Automata [507/5E(N)], Fundamentals of AI [507/6E(N)]	Theory of Automata [507/5E(N)], Fundamentals of AI [507/6E(N)]	Theory of Automata [507/5E(N)], Fundamentals of AI [507/6E(N)]
29.03.2023 WED	10.30 a.m. to 1 p.m.	Building Services and Maintenance [504/6E(N)], Repair and Maintenance of Structures [504/7E(N)]	Computer Graphics [507/7E(N)], Digital Image Processing [507/8E(N)]	Computer Graphics [507/7E(N)], Digital Image Processing [507/8E(N)]	Computer Graphics [507/7E(N)], Digital Image Processing [507/8E(N)]	Computer Graphics [507/7E(N)], Digital Image Processing [507/8E(N)]

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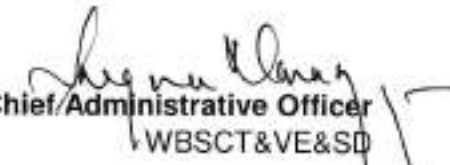


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Date	Time	Cyber Forensics & Information Security (CFS)	Electronics & Instrumentation Engineering (EIE)	Instrumentation & Control Engineering (ICE)	Electronics & Telecommunication Engineering (ETCE)	Electronics & Communication Engineering (ECE)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Cyber Crime Investigation and Cyber Forensics 505/1(N)	Process Instrumentation-II 510/1(N)	Industrial Instrumentation II 515/1(N)	Embedded System 511/1(N)	Embedded System 511/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Introduction to Cryptography 505/2(N)	Microprocessor 510/2(N)	Microprocessor 515/2(N)	Advanced Communication System 511/2(N)	Advanced Communication System 511/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Intrusion Detection and Penetration Testing 505/3(N)	Process Control-II 510/3(N)	Advanced Process Control 515/3(N)	Industrial Electronics [511/3E(N)], Medical Electronics [511/4E(N)]	Industrial Electronics [511/3E(N)], Medical Electronics [511/4E(N)]
27.03.2023 MON	10.30 a.m. to 1 p.m.	Steganography and Digital Watermarking 505/4E(N)	Analytical Instrumentation 510/4(N)	Analytical & Optical Instrumentation 515/4E(N)	Internet of Things [511/5E(N)], Mobile Communication [511/6E(N)]	Internet of Things [511/5E(N)], Mobile Communication [511/6E(N)]
29.03.2023 WED	10.30 a.m. to 1 p.m.	Cyber Security Vulnerabilities & Safeguards 505/5E(N)	Biomedical Instrumentation 510/5E(N)	Industrial Automation 515/5E(N)	—	—
31.03.2023 FRI	10.30 a.m. to 1 p.m.	—	Electronic Communication Principle 510/6E(N)	Industrial Electronics 515/6E(N)	—	—

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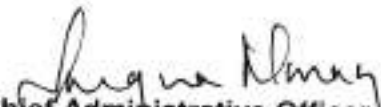


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Date	Time	Footwear Technology (FWT)	Leather Goods Technology (LGT)	Mechanical Engineering (ME)	Mechanical Engineering (production) (MEP)	Geographical Information System & Global Positioning System (GIS & GPS)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Industrial Engineering & Management 513/1(N)	Leather Goods Machinery 517/1(N)	Power Engineering 518/1(N)	Power Engineering 518/1(N)	Remote Sensing 514/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Footwear Fashion & Trend Forecasting 513/2(N)	Material Science for Leather Goods-II 517/2(N)	Advanced Manufacturing Processes 518/2(N)	Automation & CNC Machines 519/1(N)	Geo-Informatics 514/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Footwear Machinery Sciences II 513/3(N)	Leather Goods Packaging and Labelling 517/3(N)	Fluid Mechanics & Machinery 518/3(N)	Fluid Mechanics & Machinery 518/3(N)	Python Programming 514/3(N)
27.03.2023 MON	10.30 a.m. to 1 p.m.	Footwear Material & Product Testing 513/4(N)	Basic Garment Design 517/4E(N)	Power Plant Engineering [518/4E(N)], Material Handling System [518/5E(N)]	Power Plant Engineering [518/4E(N)]	Application of GIS in Urban Planning 514/4E(N)
29.03.2023 WED	10.30 a.m. to 1 p.m.	Leather Goods Technology I 513/5E(N)	E-Commerce 517/5E(N)	Computer Aided Design & Manufacturing [518/6E(N)], Automobile Engineering [518/7E(N)]	Computer Aided Design & Manufacturing [518/6E(N)]	Artificial Intelligence 514/5E(N)
31.03.2023 FRI	10.30 a.m. to 1 p.m.	Footwear Merchandising Practices 513/6E(N)	—	—	—	—

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Date	Time	Medical Laboratory Technology (MLT)	Metallurgical Engineering (MET)	Mine Surveying (MS)	Mining Engineering (MIN)	Food Processing Technology (FPT)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Clinical Microbiology & Parasitology 520/1(N)	Primary Steel Making 521/1(N)	Mine Correlation and Joint Survey 522/1(N)	Mine Management and Legislation 523/1(N)	Technology of Food-IV 512/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Medical Imaging 520/2(N)	Foundry Technology 521/2(N)	Shaft, Tunnel and Subsidence Survey 522/2(N)	Mine Hazards -I 523/2(N)	Bakery Technology 512/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Advanced Bio-Medical Engineering 520/3(N)	Heat Treatment Technology 521/3(N)	Introduction to Remote Sensing and GIS 522/3(N)	Mechanical Engineering in Mining 523/3(N)	Dairy Technology 512/3(N)
27.03.2023 MON	10.30 a.m. to 1 p.m.	Microprocessor & Microcontroller 520/4(N)	Advanced Engineering Materials 521/4E(N)	Field Astronomical Surveying 522/4E(N)	Mine Survey -II 523/4E(N)	Food Safety and Quality Management 512/4(N)
29.03.2023 WED	10.30 a.m. to 1 p.m.	Artificial Organs & Rehabilitation Engineering 520/5E(N)	Corrosion & Oxidation 521/5E(N)	Land Laws and Mine Legislation 522/5E(N)	Modern Mine Machinery 523/5E(N)	Instrumental Analysis of Food and Quality Control [512/5E(N)], Food Biotechnology [512/6E(N)]
31.03.2023 FRI	10.30 a.m. to 1 p.m.	Hospital Engineering & Management 520/6E(N)	—	—	—	Technology of Indigenous Milk Products [512/7E(N)], Food Engineering [512/8E(N)]

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Date	Time	Modern Office Practice & Management (MOPM)	Multimedia Technology (MT)	Packaging Technology (PT)	Photography (PHO)	Printing Technology (DP)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Management Information System 524/1(N)	3D Modeling & Animation 525/1(N)	Food Preservation and Packaging 526/1(N)	Motion Picture Photography I 527/1(N)	Printer's Costing & Estimating 508/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Human Resource Management 524/2(N)	Motion Graphics & Compositing 525/2(N)	Principle of Refrigeration and Cold Storage 526/2(N)	Videography II 527/2(N)	Graphics Design 508/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Industrial Relations 524/3(N)	Content Generation 525/3E(N)	Package Printing Technology 526/3(N)	Filming & Editing Technique I 527/3(N)	Print Converting & Packaging Techniques 508/3(N)
27.03.2023 MON	10.30 a.m. to 1 p.m.	Office & Business Correspondence 524/4E(N)	Film Humanities & Arts 525/4E(N)	Packaging Rules and Regulation 526/4E(N)	Introduction to Film Studies 527/4E(N)	Digital Publishing [508/4E(N)], Color Management [508/5E(N)]
29.03.2023 WED	10.30 a.m. to 1 p.m.	Office Administration I 524/5E(N)	—	Application of Computer in Packaging 526/5E(N)	—	Press Standardization [508/6E(N)], Advanced Packaging Techniques [508/7E(N)]

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Date	Time	Survey Engineering (SE)	Electrical Engineering (EE)	Electrical Engineering (Industrial Control) [EEIC]	Electrical Engineering (Power System) [EPS]	Electrical & Electronics Engineering (EEE)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Design of R.C.C Structure 529/1(N)	Microcontroller and its Applications 509/1(N)	Microcontroller and its Applications 509/1(N)	Microcontroller and its Applications 509/1(N)	Microcontroller and its Applications 509/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Railway & Tunnel Survey 529/2(N)	Building Electrification 509/2(N)	Industrial Automation & Embedded Systems 530/1(N)	Power System Operation, Control and Power Quality 531/1(N)	Principles of Electronic Communication 509/8(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Advanced Survey 529/3(N)	Industrial Automation & Control [509/3E(N)], Industrial Drives [509/4E(N)]	Electric Vehicles [530/2E(N)]	Electric Vehicles [530/2E(N)]	Industrial Automation & Control [509/3E(N)], Industrial Drives [509/4E(N)], Electric Vehicles [530/2E(N)]
27.03.2023 MON	10.30 a.m. to 1 p.m.	Route Survey 529/4(N)	Illumination Practices [509/5E(N)], Electric Traction [509/6E(N)], Solar Power Technologies [509/7E(N)]	Utilization of Electric Power 530/3E(N)	Utilization of Electric Power 530/3E(N)	Illumination Practices [509/5E(N)], Electric Traction [509/6E(N)]
29.03.2023 WED	10.30 a.m. to 1 p.m.	Municipal Engineering [529/5E(N)], Water Resource Engineering [529/6E(N)]	—	—	—	—
31.03.2023 FRI	10.30 a.m. to 1 p.m.	Irrigation Engineering [529/7E(N)], Construction Management [529/8E(N)]	—	—	—	—

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Date	Time	Renewable Energy (RE)	Interior Decoration (ID)
21.03.2023 TUE	10.30 a.m. to 1 p.m.	Distributed Generation Systems 528/1(N)	Estimating, Specification and Costing 516/1(N)
23.03.2023 THU	10.30 a.m. to 1 p.m.	Energy Efficiency, Economics and Audit 528/2(N)	Materials & Construction-III 516/2(N)
25.03.2023 SAT	10.30 a.m. to 1 p.m.	Energy Conversion Devices & Methodologies 528/3(N)	Services-III 516/3(N)
27.03.2023 MON	10.30 a.m. to 1 p.m.	Electric Vehicles 528/4E(N)	Professional Practice in Interior Design 516/4(N)
29.03.2023 WED	10.30 a.m. to 1 p.m.	Energy Storage 528/5E(N)	Illumination 516/5E(N)
31.03.2023 FRI	10.30 a.m. to 1 p.m.	Heat Transfer 528/6E(N)	Vaastu 516/6E(N)

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