



PROGRAMME OF SUMMER 2020 EXAMINATION

| DAY / DATE OF EXAMINATION | SESSION | SECTION A | | SECTION B | | | | | | | | | |
|--------------------------------------|--------------------|--|--|---|--|---|--|---|---|--|--|--|--|
| | | NON-DIPLOMA SCHEME | DIPLOMA SCHEME | CHEMICAL ENGINEERING (BRANCH CODE 04) | CIVIL ENGINEERING (BRANCH CODE 05) | COMPUTER SCIENCE AND ENGINEERING (BRANCH CODE 06) | ELECTRICAL ENGINEERING (BRANCH CODE 07) | ELECTRONICS & COMMUNICATION ENGINEERING (BRANCH CODE 08) | MECHANICAL ENGINEERING (BRANCH CODE 11) | MATERIALS & METALLURGICAL ENGINEERING (BRANCH CODE 12) | MINING ENGINEERING (BRANCH CODE 13) | PRODUCTION ENGINEERING (BRANCH CODE 14) | TEXTILE ENGINEERING (BRANCH CODE 15) |
| FIRST DAY SATURDAY 10.10.2020 | 10 AM TO 1 PM | AN 201 Fundamentals of Design and Manufacturing | AD 301 Fundamentals of Design and Manufacturing | CH 411 Mass Transfer Operations CH 421 Fuels and Combustion | CV 411 Advanced Structural Analysis CV 421 Principles of Environmental Engineering | CP 411 Graph Theory and Combinatorics CP 421 Parallel Processing | EL 411 Energy Systems EL 421 Advanced Aspects of Electrical Machines | EC 411 Broadcast and Television Engineering EC 421 Digital Hardware Design | MC 423 Analysis and Synthesis of Mechanisms and Machines MC 431 Manufacturing Science | MM 411 Mineral Engineering | MN 411 Advanced Mine Ventilation MN 421 Mine Systems Engineering | PR 411 Manufacturing Science PR 421 Facility Planning, Design and Maintenance | TX 411 Advanced Yarn Manufacture |
| | 2.30 PM TO 5.30 PM | | | | CV 431 Transportation Engineering | CP 431 Pattern Recognition and Image Processing | EL 431 Control Theory | EC 431 Sensors and Transducers | MC 411 Refrigeration and Air-conditioning | MM 432 Welding and Allied Processes | MN 431 Advanced Rock Mechanics | PR 431 Materials Management | TX 421 Advanced Fabric Manufacture and Design |
| SECOND DAY SUNDAY 11.10.2020 | 10 AM TO 1 PM | AN 202 Material Science and Engineering | AD 302 Material Science and Engineering | CH 412 Heat Transfer Operations CH 422 Biochemical Engineering | CV 432 Traffic and Transportation Systems | CP 415 Database Management Systems CP 435 Software Engineering | EL 414 Power System Performance | EC 415 Computer Networks and Communication EC 425 Software Engineering | MC 421 Design of Mechanical Systems | MM 412 Fuels, Furnaces and Refractories MM 422 Electrometallurgy and Corrosion | MN 412 Environmental Pollution and Control in Mines MN 422 Economics of Mining Enterprises | PR 425 Work Study and Ergonomics | |
| | 2.30 PM TO 5.30 PM | | | CH 432 Petrochemical Engineering | CV 425 Waste Management and Environmental Impact Assessment | | EL 424 Electrical Power Utilisation EL 434 Instrumentation Systems | EC 432 Industrial Instrumentation and Computer Control | MC 413 Non-conventional Energy Systems MC 433 Tool and Die Design | | MN 432 Advanced Methods of Mining | PR 413 Tool and Die Design | TX 431 Advanced Chemical Processing and Finishing |
| THIRD DAY MONDAY 12.10.2020 | 10 AM TO 1 PM | AN 203 Computing and Informatics | AD 303 Computing and Informatics | | | | | IC 402 Engineering Management | | | | | |
| | 2.30 PM TO 5.30 PM | | | CH 431 Polymer Materials and Technology | CV 412 Design of RCC and Prestressed Concrete Structures CV 422 Environmental Engineering - Processes and Management | CP 412/422 Computer Networks CP 432 Theory of Computation | EL 412/422/432 Power Electronics | EC 413 Microwave Engineering EC 423 IC Design Techniques EC 433 Biomedical Electronics | MC 412 Power Plant Engineering MC 422 Optimisation - Theory and Applications MC 432 Computer Aided Manufacturing | MM 421/431 Polymer Materials and Technology | MN 414/434 Mine Surveying | PR 412/432 Computer Aided Manufacturing PR 422 Project Management | TX 412 Modern Yarn Production and Control Systems TX 422 Non-woven, Knitting and Industrial Fabrics TX 432 Garment Technology |
| FOURTH DAY TUESDAY 13.10.2020 | 10 AM TO 1 PM | AN 204 Society and Environment | AD 304 Society and Environment | CH 403 Chemical Reaction Engineering | CV 403 Civil Engineering Materials and Construction Practices | CP 403 Data Structures | EL 403 Power Systems | EC 403 Communication Engineering | MC 403 Mechanics of Solids | MM 403 Metallurgical Thermodynamics and Kinetics | MN 403 Mining Geology and Development of Mineral Deposits | PR 403 Mechanics of Solids | TX 403 Textile Fibres and Testing |
| | 2.30 PM TO 5.30 PM | | | CH 404 Transport Phenomena | CV 404 Geotechnical and Foundation Engineering | CP 404 Programming Languages | EL 404 Circuit and Field Theory | EC 404 Circuit Theory and Control | MC 434 Manufacturing Automation | MM 404 Extractive Metallurgy | MN 404 Exploitation of Mineral Deposits | PR 404 Manufacturing Automation | TX 404 Yarn Manufacture |
| FIFTH DAY WEDNESDAY 14.10.2020 | 10 AM TO 1 PM | AN 205 Mechanical Science | | CH 413/423 Mechanical Operations CH 433 Industrial Pollution and Control | CV 413 Design of Steel Structures CV 423 Air Pollution and Its Control CV 433 Town Planning and Urban Development | CP 413/423/433 Operating Systems | EL 413 High Voltage Engineering and Power Apparatus EL 423 Electrical Drives EL 433 Process Control Systems | EC 435 Control Systems | MC 404 Mechanics of Fluids | MM 413 Ferrous Extractive Metallurgy MM 423/433 Advanced Physical Metallurgy | MN 413 Electrical Equipment and Instrumentation in Mines MN 423 Geostatistics MN 433 Mine Planning and Excavation | PR 423/433 Quality Management | TX 413/423 Engineering Design of Textile Structures TX 433 Chemistry and Technology of Man-made Fibres |
| | 2.30 PM TO 5.30 PM | AN 206 Engineering Physics and Chemistry | | CH 405 Chemical Engineering Thermodynamics | CV 405 Water Resources Systems | CP 405 Pulse and Digital Circuits | EL 405 Electrical Machines | EC 412 Radar and Antenna Engineering EC 422 Pulse and Digital Circuits | MC 415 Turbomachinery MC 425 Computer Aided Engineering Design MC 435 Production Management | MM 405 Mechanical Behaviour of Materials | MN 405 Mining Machinery and Material Handling | PR 405 Production Management | TX 405 Fabric Manufacture and Design |
| SIXTH DAY THURSDAY 15.10.2020 | 10 AM TO 1 PM | AN 207 Engineering Drawing and Graphics | | CH 406 Chemical Process Principles | CV 406 Principles of Geoinformatics | CP 406 Computer Architecture | EL 406 Measurements and Control | EC 406 Electronic Circuits | MC 406 Manufacturing Technology | MM 406 Physical Metallurgy | MN 406 Mine Ventilation and Environmental Hazards | PR 406 Manufacturing Technology | TX 406 Chemical Processing and Finishing |
| | 2.30 PM TO 5.30 PM | AN 208 Electronics and Instrumentation | | CH 414 Fluid Mechanics CH 424 Chemical Process Technology CH 434 Fertilizer Technology | CV 414 Structural Dynamics CV 424/434 Design of Water and Wastewater Treatment Systems | CP 425 Microprocessors and Microcontrollers | EL 415/425/435 Microprocessors and Microcontrollers | EC 405 Microprocessors and Microcontrollers | MC 405 Thermal Science and Engineering | MM 414 Non-ferrous Extractive Metallurgy MM 424 Materials Characterisation MM 434 Foundry Engineering | MN 424 Quality, Reliability and Safety in Mines | PR 415 Inspection and Product Control PR 424/434 Operations Research | TX 414/424 Textile Machinery and Maintenance TX 434 Energy Conservation, Environmental and Pollution Control |
| SEVENTH DAY FRIDAY 16.10.2020 | 10 AM TO 1 PM | AN 209 Engineering Mathematics | | CH 415/425/435 Instrumentation and Control | CV 415 Seismic Design of Structures CV 435 Construction Management Systems | CP 414 Artificial Intelligence CP 424/434 Computer Graphics | | EC 414 Optical and Satellite Communication EC 424 Solid State Physics and Semiconductor Devices EC 434 Signal Processing | MC 414 Internal Combustion Engines MC 424 Design of Machine Tools | MM 415 Instrumentation and Control MM 425 Ceramic Materials MM 435 Mechanical Working Processes | MN 415/425/435 Mine Management and Legislation | PR 414 Design of Machine Tools PR 435 Operations Planning and Control | TX 415/425/435 Mill Organisation, Process Economics and Quality Control |
| | 2.30 PM TO 5.30 PM | AN 210 Electrical Science | | CH 407 Chemical Engineering Equipment Design | CV 407 Analysis and Design of Structures | CP 407 Systems Analysis and Design | EL 407 Design of Electrical Systems | EC 407 Design of Electronic Devices and Circuits | MC 407 Design of Machine Elements | MM 407 Metallurgical Design | MN 407 Geomechanics and Mine Design | PR 407 Design of Machine Elements | TX 407 Design and Mechanisms of Textile Machines |

Forenoon Session (FN) : IST 10 AM - 01 PM

NO CANDIDATE IS ALLOWED AT THE EXAMINATION HALL WITHOUT VALID IEI IDENTITY CARD

Afternoon Session (AN) : IST 2.30 PM - 5.30 PM