



DATE SHEET
FOR
DIPLOMA OF ASSOCIATE ENGINEER
(2nd) SECOND YEAR ANNUAL EXAMINATION, 2016

Time: 2.00 P.M TO 5.00 P.M

On Friday:- 2.30 P.M To 5.30 P.M

| DATE / DAY | PAPERS | SUBJECTS | TECHNOLOGIES |
|------------------------|-----------------------------------|---|---|
| 01.10.2016 SATURDAY | 1 GEN-211 | Islamiat / Pakistan Studies | ALL TECHNOLOGIES |
| 03.10.2016 MONDAY | 1 MGM-232/ MGM-221/ MGM-211 | Industrial Management and Economics | AUTO & DIESEL / AUTO & FARM / CHEMICAL / GLASS & CERAMICS / LEATHER / PETROLEUM / REF. & AIR-CONDITIONING / SUGAR |
| | 2 MGM-221/ MGM-211/ MGM-214 | Business Management and Industrial Economics | DIES & MOULDS / ELECTRONICS / ELECTRICAL / FOOD PRESERVATION / GARMENT (PSIT) / GARMENT / INSTRUMENTATION & WATCH METALLURGY & MATERIAL SCIENCE / MINING / MECHANICAL / TEXTILE DYEING & PRINTING / TEXTILE SPINNING / TEXTILE WEAVING / |
| | 3 AR-253 | Building Construction – I | ARCHITECTURE |
| | 4 MGM-221 | Business Communication and Industrial Economics | BIO-MEDICAL / INSTRUMENTATION & PROCESS CONTROL |
| | 5 CT-243 | Civil Drafting-II | CIVIL |
| | 6 COMP-225 | Micro Processor Architecture | COMPUTER INFORMATION |
| | 7 PT-242 | Metallurgy & Heat Treatment | POWER |
| | 8 MGM-242 | Business Management and Accounting | PRINTING & GRAPHIC ARTS |
| | 9 SET-234 | Functional and Business English | SECRETARIAL |
| | 10 TC-243 | Switching System | TELECOMMUNICATION |
| 04.10.2016 TUESDAY | 1 MGM-211 / MGM-221 | Business Communication | CHEMICAL / COMPUTER INFORMATION / ELECTRONICS / GLASS & CERAMICS / INSTRUCTION & WATCH / LEATHER / METALLURGY & MATERIAL SCIENCE / MINING / MECHANICAL / SUGAR / TELECOMMUNICATION/ TEXTILE DYEING & PRINTING / TEXTILE SPINNING / TEXTILE WEAVING / |
| | 2 AR-262 | History of Architecture | ARCHITECTURE |
| | 3 AD-212 | Applied Thermodynamics | AUTO & DIESEL / AUTO & FARM |
| | 4 BMI-222 | Digital Electronics | BIO-MEDICAL / INSTRUMENTATION & PROCESS CONTROL |
| | 5 COMP-222 | Introduction to Computer Application | CIVIL |
| | 6 ET-213 | D.C Machines and Batteries | ELECTRICAL |
| | 7 FPT-222 | Dairy Technology | FOOD PRESERVATION |
| | 8 CLT-217 | Sewing Techniques –II | GARMENT (PSIT) |
| | 9 GT-272 | Clothing Design | GARMENT |
| | 10 PET-233 | Organic Refinery Chemistry | PETROLEUM |
| | 11 PT-275 | Boilers and Steam System | POWER |
| | 12 PGA-222 | Graphics Reproduction Techniques-I | PRINTING & GRAPHIC ARTS |
| | 13 RACT-214 | Principles of Air-Conditioning | REF & AIR-CONDITIONING |
| | 14 DMT-212 | Metrology | DIES & MOULDS |

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| | | | | |
|-------------------------|---|--|---|-------------------|
| 05.10.2016 WEDNESDAY | 1 | MATH-213 MATH-223 MATH-233 MATH-212 | Applied Mathematics-II | ALL TECHNOLOGIES |
| | 2 | FPT-262 | Cereal Technology, Biscuits Breads Extrusion & Snack Foods. | FOOD PRESERVATION |
| | 3 | MET-261 | Metallurgy Of Iron And Steel | METALLURGY |
| | 4 | SET-244 | Basic Accounting | SECRETARIAL |

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|------------------------|----|-----------------------------|--|---|
| 06.10.2016 THURSDAY | 1 | PHY-212 | Applied Mechanics | AUTO&DIESEL / AUTO&FARM / REF. & AIR-CONDITIONING / MECHANICAL / TEXTILE SPINNING / TEXTILE WEAVING / DIES & MOULDS |
| | 2 | PHY-222 PHY-213 | Applied Physics | ELETRICAL / GARMENT (PSIT) |
| | 3 | ELT-233 | Measuring Instrument | BO-MEDICAL/ ELECTRONICS/ INSTRUMENTATION & PROCESS CONTROL / TELECOMMUNICATION |
| | 4 | AR-232 | Auto Cad-I | ARCHITECTURE |
| | 5 | CHT-283 GC-283 LT-283 | Physical Chemistry | CHEMICAL / GLASS & CERAMICS / LEATHER |
| | 6 | CT-212 | Public Health Engineering-I | CIVIL |
| | 7 | FPT-213 | Food Additives & Its Legislation (Minimum Permissible Allowance) | FOOD PRESERVATION |
| | 8 | GT-252 | Applied Chemistry | GARMENT |
| | 9 | MET-234 | Physical Metallurgy | METALLURGY |
| | 10 | MIN-233 | Surface Hard Rock Mining | MINING |
| | 11 | PET-223 | Thermodynamics | PETROLEUM |
| | 12 | PT-234 | Applied Mechanics & Hydraulics | POWER |
| | 13 | PHY-243 | Applied Physics-II | PRINTING & GRAPHICS ARTS |
| | 14 | SET-223 | Secretarial Duties | SECRETARIAL |
| | 15 | ST-232 | By Products Of Industries | SUGAR |
| | 16 | TD-235 | Coloration-I | TEXTILE DYING & PRINTING |
| | 17 | IH-253 | Automatic Watches | INSTRUMENTATION & WATCH |

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|----------------------|----|-------------------------------|-----------------------------------|---|
| 07.10.2016 FRIDAY | 1 | CH-213 | Applied Chemistry | AUTO & DIESEL / AUTO & FARM / ELECTRONICS / GARMENT. |
| | 2 | AR-212 | Environmental Studies | ARCHITECTURE |
| | 3 | BMI-214 | Solid State Electronics | BIO-MEDICAL / INSTRUMENTATION & PROCESS CONTROL |
| | 4 | CHT-244/ GC-244/ LT-214 | Organic Chemistry | CHEMICAL / GLASS & CERAMICS / LEATHER |
| | 5 | CT-233 | Construction-I | CIVIL |
| | 6 | ET-263 | Basic Electronics | ELETRICAL |
| | 7 | MGM-241 | Hotel Management & Catering | FOOD PRESERVATION |
| | 8 | ET-212 | Basic Electricity | GARMENT (PSIT) |
| | 9 | MT-242 | Metallurgy | MECHANICAL |
| | 10 | MET-221 | Strength Of Material | METALLURGY & MATERIAL SCIENCE |
| | 11 | MIN-223 | Structural Geology | MINING |
| | 12 | PET-212 | Applied Geology | PETROLEUM |
| | 13 | PT-222 | Applied Electricity & Electronics | POWER |
| | 14 | CH-243 | Applied Chemistry | PRINTING & GRAPHIC ARTS |
| | 15 | RACT-243 | Advanced Refrigeration | REF & AIRCONDITIONING |
| | 16 | SET-213 | Business Urdu | SECRETARIAL |
| | 17 | ST-223 | Waste Management | SUGAR |
| | 18 | CH-242 | Applied Chemistry | TELECOMMUNICATION |
| | 19 | TT-212 | Textile Chemistry | TEXTILE SPINNING / TEXTILE WEAVING |
| | 20 | TD-214 | Textile Chemistry | TEXTILE DYEING & PRINTING |
| | 21 | IH-221 | Material Science | INSTRUMENTATION & WATCH |
| | 22 | DMT-233 | Machine Design | DIES & MOULDS |

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|------------------------|----|---------------------|---|-----------------------------------|
| 08.10.2016 SATURDAY | 1 | AD-234 | Workshop Practice-II | AUTO & DIESEL / AUTO & FARM |
| | 2 | BM-224 | X-Ray Film Processing Equipment | BIOMEDICAL |
| | 3 | CHT-293 / GC-293 | Chemical Engineering-I | CHEMICAL / GLASS & CERAMICS |
| | 4 | COMP-213 | Object Oriented Programming | COMPUTER INFORMATION |
| | 5 | ELT-252 | Communication System-I | ELECTRONICS |
| | 6 | CLT-252 | Machine & Tools | GARMENT(PSIT) |
| | 7 | FPT-272 | Oil & Fat Technology | FOOD PRESERVATION |
| | 8 | IPC-224 | Synchro Servo Systems. | INSTRUMENTATION & PROCESS CONTROL |
| | 9 | MT-236 | Workshop Practice-II | MECHANICAL |
| | 10 | MET-214 | Mechanical Testing & Inspection | METALLURGY & MATERIAL SCIENCE |
| | 11 | MIN-214 | Mine Surveying | MINING |
| | 12 | PET-202 | Applied Electricity & Electronics | PETROLEUM |
| | 13 | PGA-212 | Graphics Design-II | PRINTING & GRAPHIC ARTS |
| | 14 | ST-213 | Unit Operation-II | SUGAR |
| | 15 | TC-253 | Transmission System | TELECOMMUNICATION |
| | 16 | TD-223 | Fiber Science | TEXTILE DYING & PRINTING |
| | 17 | IH-244 | Electrical & Electronics Measuring Instrument-I | INSTRUMENTATION & WATCH |
| | 18 | LT-225 | Leather Technology-II | LEATHER |
| | 19 | DMT-242 | Material Science & Heat Treatment | DIES & MOULDS |

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|----------------------|----|-----------------------------|---|--|
| 17.10.2016 MONDAY | 1 | AR-214 | Structural Mechanic & RCC Design | ARCHITECTURE |
| | 2 | AD-243 | Problems in I.C, Engines | AUTO & DIESEL |
| | 3 | AF-213 | Farm Machinery-I | AUTO & FARM |
| | 4 | BM-242 / IPC-242 | Operational Amplifiers & Application | BIO-MEDICAL / INSTRUMENTATION & PROCESS CONTROL / |
| | 5 | CHT / GC / LT-263/233 | Quantitative Analysis | CHEMICAL / GLASS & CERAMCS / LEATHER |
| | 6 | CT-253 | Mechanics Of Structure. | CIVIL |
| | 7 | COMP-243 | Analogue Electronics | COMPUTER INFORMATION |
| | 8 | ET-233 | Utilization Of Electrical Energy. | ELECTRICAL |
| | 9 | ELT-264 | Amplifiers & Radio Receivers. | ELECTRONICS |
| | 10 | FPT-243 | Muscle Food Toxicity & Sea Food Technology. | FOOD PRSERVATION |
| | 11 | GT-202 | Raw Material & Accessories. | GARMENT |
| | 12 | MT-223 | Engineering Drawing & Cad-Ii | MECHANICAL |
| | 13 | MET-242 | Engineering & Drawing-Ii | MEALLURGY |
| | 14 | MIN-243 | Explosive & Blasting | MINING |
| | 15 | PET-252 | Fluid Mechanics | PETROLEUM |
| | 16 | PT-263 | Pumps& Compressors. | POWER |
| | 17 | PGA-244 | Offset Printing-Ii | PRINTING & GRAPHIC ARTS |
| | 18 | RACT-233 | Engineering & Architecture Drawing | REF & AIR-CONDITIONING |
| | 19 | SET-263 | Typing / (Electronics/ Word Processor) | SECRETARIAL |
| | 20 | ST-254 | Cane Juice Chemistry | SUGAR |
| | 21 | TC-263 | Power Plant | TELECOMMUNICATION |
| | 22 | TD-254 | Fabric Formation | TEXTILE DYING & PRINTING |
| | 23 | TT-234 | Spinning & Weaving Mechanism | TEXTILE SPINNING / TEXTILE WEAVING |
| | 24 | IH-232 | Sensors & Transducers | INSTRUMENTATION & WATCH |
| | 25 | PMT-263 | Machine Shop Practices (Lathe, Milling, Drilling, Surface, Grinding and Welding) | DIES & MOULDS |

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TUESDAY

| | | | |
|----|----------------------|---|--|
| 1 | AR-224 | Architectural Design & Drawing-I | ARCHITECTURE |
| 2 | AD-223 | Suspension Steering & Brakes | AUTO & DIESEL / AUTO & FARM |
| 3 | BMI-233 / IPC-233 | Electrical Machines & Industrial Electronics | BIO-MEDICAL / INSTRUMENTATION & PROCESS CONTROL |
| 4 | CHT-254 / GC-254 | Industrial Chemical Process | CHEMICAL / GLASS & CERAMICS |
| 5 | CT-224 | Surveying-II | CIVIL |
| 6 | COMP-233 | Data Communication & Networking | COMPUTER INFORMATION |
| 7 | ET-223 | Electrical Instruments & Measurements. | ELECTRICAL |
| 8 | ELT-214 | Electronics Devices & Circuits | ELECTRONICS |
| 9 | FPT-233 | Industrial Methods Of Food Preservation (Basic Principle) Storage | FOOD PRESERVATION |
| 10 | CLT-242 | Raw Material & Accessories | GARMENT (PSIT) |
| 11 | GT-212 | Production Planning & Control | GARMENT |
| 12 | MT-202 | Applied Electricity & Electronics | MECHANICAL |
| 13 | ET-212 | General Electricity | MATALLURGY & MATERIAL SCIENCE |
| 14 | ET-212 | Applied Electricity & Electronics | MINING |
| 15 | PET-243 | Petrochemical & Industrial Stiochiometry | PETROLEUM |
| 16 | PT-252 | Fuels & Lubricants | POWER |
| 17 | PGA-232 | Plate Making-I | PRINTING & GRAPHIC ARTS |
| 18 | RACT-223 | Applied Thermodynamics & Low Pressure Boiler | REF. & AIR-CONDITIONING |
| 19 | SET-253 | Shorthand | SECRETARIAL |
| 20 | ST-243 | Plant Instrumentation & Control. | SUGAR |
| 21 | TC-214 | Electronics Devices & Circuits | TELECOMMUNICATION |
| 22 | TD-242 | Yarn Formation | TEXTILE DYING & PRINTING |
| 23 | TT-223 | Fabric Design Structure | TEXTILE SPINNING / TEXTILE WEAVING |
| 24 | IH-222 | Electronics Devices & Circuits | INSTRUMENTATION & WATCH |
| 25 | LT-264 | Vegetable Tanning | LEATHER |
| 26 | DMT-254 | Mould Design-I | DIES & MOULD |

19.10.2016
WEDNESDAY

| | | | |
|----|-----------------------------|---|--|
| 1 | AD-252 | Metrology | AUTO&DIESEL |
| 2 | AF-222 | Crop Husbandry | AUTO& FARM |
| 3 | BM-212 | Patient Safety & Ultrasound Radiation Physics | BIO-MEDICAL |
| 4 | CHT- / GC-271/ LT-241 | Safety Practice & Procedure | CHEMICAL / GLASS & CERAMICS / SUGAR / LEATHER |
| 5 | CT-262 | Quantity Surveying-I | CIVIL |
| 6 | COMP-253 | Digital Electronics. | COMPUTER INFORMATION |
| 7 | ET-242 | Installation Planning & Estimating | ELECTRICAL |
| 8 | ELT-243 | Pulse & Digital Circuits | ELECTRONICS |
| 9 | FPT-252 | Fruits / Vegetable & Mushroom Technology | FOOD PRESERVATION |
| 10 | IPC-212 | Applied Mechanics, Fluids & Fluidics | INSTRUMENTATION & PROCESS CONTROL |
| 11 | MT-212 | Metrology | MECHANICAL |
| 12 | MET-254 | Welding | MATALLURGY & MATERIAL SCIENCE |
| 13 | COMP-253 | Computer Application Software | MINING |
| 14 | PET-262 | Fuels & Combustion | PETROLEUM |
| 15 | PT-285 | Diesel Gas & Dual Fuel Engine Operation | POWER |
| 16 | SHOP-252 | Workshop Practice | PRINTING & GRAPHIC ARTS |
| 17 | RACT-253 | Workshop Practice-II | REF & AIR-CONDITIONING |
| 18 | TC-223 | Digital Circuits & Microprocessor | TELECOMMUNICATION |
| 19 | TT-243 | Textile Calculation | TEXTILE SPINNING / TEXTILE WEAVING |
| 20 | IH-265 | Escarpments & Regulating | INSTRUMENTATION & WATCH |
| 21 | DMT-233 | Die Design-I | DIES & MOULDS |

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THURSDAY

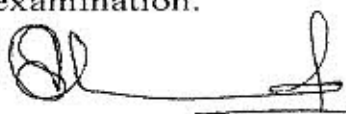
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CHEM Non Metallic Materials

METALLURGY & MATERIAL SCIENCE

INSTRUCTION FOR CANDIDATES:

- 1) No candidate will be allowed to appear in the examination center without valid admit card issued by the Board.
- 2) **Mobile Phones / Digital Devices & College Bags** are strictly prohibited at the examination centre.
- 3) Candidates are informed that resort to unfair means, indiscipline and disturbance is a serious offence, which leads to disqualification.
- 4) Female candidates should present / show on demand the attested copy of their recent photograph for verification of their identity in the examination centre.
- 5) Centre once allotted shall not be changed for any reason whatsoever.
- 6) Candidates are directed to write their Roll Number at the specified place provided on the answer book and supplementary "B" copies and must mentioned number of supplementary "B" copies used by him / her on the title of the answer book at the specified place, failing which he / she will be responsible for the consequences.
- 7) For practical examinations candidates are directed to contact their respective colleges / institutes after theory examination.



(SYED AZHAR ALI SHAH)
CONTROLLER OF EXAMINATIONS

