



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6- MAIN UNIVERSITY ROAD GULSHAN-E-IQBAL, KARACHI
www.sbte.edu.pk Phone.99243329-30 Ext.309

DATE SHEET

Diploma of Associate Engineer

Second (2ND) Year (Morning / Evening) Annual Examination, 2014

TIMING: 2-00 P.M. TO 5-00 P.M. (FRIDAY: 3-00 P.M. TO 6-00 P.M.)

| Date / Day | Papers | Subjects | Technology |
|-------------------------|--------------|-----------------------------|------------------|
| 01-10-2014 Wednesday | 1 GEN-211 | Islamiat / Pakistan Studies | All Technologies |

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|------------------------|----|-----------------|---|--|
| 02-10-2014 Thursday | 1 | MGM-232/221 | Industrial Management and Economics | AD / AF / CHT / GC / LT / PET / RAC / ST |
| | 2 | MGM-221/211/214 | Business Management and Industrial Economics | ELT / ET / FPT / GT (PSIT) / GT / MET / MIN / MT / TDP / TS / TW / WATCH / DMT |
| | 3 | AR-253 | Building Construction - I | ARCHITECTURE |
| | 4 | MGM-221 | Business Communication and Industrial economics | BIOMEDICAL |
| | 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 & GRAPHICS |
| | 9 | SET-234 | Functional and Business English | SECRETARIAL |
| | 10 | TC-243 | Switching System | TELECOMMUNICATION |

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|----------------------|----|-------------|--------------------------------------|--|
| 03-10-2014 Friday | 1 | MGM-211-221 | Business Communication | CHT / CIT / ELT / GC / LT / MET / MIN / MT / ST / TC / TDP / TS / TW / WATCH |
| | 2 | AR-262 | History of Architecture | ARCHITECTURE |
| | 3 | AD-212 | Applied Thermodynamics | AUTO DIESEL / FARM |
| | 4 | BMI-222 | Digital Electronics | BIOMEDICAL / IPC |
| | 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 & GRAPHICS |
| | 13 | RACT-214 | Principles Of Air-Conditioning | REF. & AIR-CONDITIONING |

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| 13-10-2014 Monday | 1 | MATH-213 /223 / 233 / 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 |

Cont... P/2

| Date / Day | Papers | Subjects | Technology |
|-------------------------|--------------------------|---|---|
| 14-10-2014 Tuesday | 1 CH-213 | Applied Chemistry | AUTO DIESEL /AUTO FARM / ELECTRONICS / GARMENT. |
| | 2 AR-212 | Environmental Studies | ARCHITECTURE |
| | 3 BMI-214 | Solid State Electronics | BIOMEDICAL/ IPL |
| | 4 CHT /GC/ LT-244/214 | Organic Chemistry | CHEMICAL / GC / LT |
| | 5 CT-233 | Construction-I | CIVIL |
| | 6 ET-263 | Basic Electronics | ELECTRICAL |
| | 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 |
| | 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 & GRAPHICS |
| | 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 | WATCH |
| 15-10-2014 Wednesday | 1 PHY-212 | Applied Mechanics | AUTO DIESEL /FARM /RAC /MECHANICAL /TEXTILE (SPINNING /WEAVING) |
| | 2 PHY-222/213 | Applied Physics | ELECTRICAL/GT(PSIT) |
| | 3 ELT-233 | Measuring Instrument | BM/ELT/IPC/TC |
| | 4 AR-232 | Auto Cad-I | ARCHITECTURE |
| | 5 CHT/GCL/LT- 283/253 | Physical Chemistry | CHEMICAL/GLASS/LT |
| | 6 CT-212 | Public Health Engineering-II | 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 |
| | 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 | WATCH |
| 16-10-2014 Thursday | 1 AD-234 | Workshop Practicess-II | AUTO DIESEL /FARM |
| | 2 BM-224 | X-Ray Film Processing Equipment | BIOMEDICAL |
| | 3 CHT/GC-293 | Chemical Engineering-I | CHEMICAL /GC |
| | 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. | IPC |
| | 9 MT-236 | Workshop Practicess-II | MECHANICAL |
| | 10 MET-214 | Mechanical Testing & Inspection | METALLURGY |
| | 11 MIN-214 | Mine Surveying | MINING |
| | 12 PET-202 | Applied Electricity & Electronics | PETROLEUM |
| | 13 PGA-212 | Graphics Design-II | PRINTING & GRAPHICS |
| | 14 ST-213 | Unit Operation-II | SUGAR |
| | 15 TC-253 | Transmission System | TELECOMMUNICATION |
| | 16 TD-223 | Fibre Science | TEXTILE DYEING & PRINTING |
| | 17 IH-244 | Electrical & Electronics Measuring Instrument-I | WATCH |
| | 18 LT-225 | Lougher Technology-II | LEATHER |

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|----------------------|--------|-------------|--|---------------------------------|
| 17-10-2014 Friday | 1 | AR-224 | Architectural Design & Drawing-I | ARCHITECTURE |
| | 2 | AD-223 | Suspension Steering & Brakes | AUTO DIESEL /FARM |
| | 3 | BMI/IPC-233 | Electrical;Machines & Industrial Electronics | BIO-MEDICAL/IPC |
| | 4 | CHT/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 | 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 |
| | 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 & GRAPHICS |
| | 18 | RACT-223 | Applied Thermodynamics & Low Pressure Boiler | REFRIGERATION & AIRCONDITIONING |
| | 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 /WEAVING |
| | 24 | IH-222 | Electronics Devices & Circuits | WATCH |
| | 25 | LT-241 | Safety Practice & Procedure | LEATHER |


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| 18-10-2014 Saturday | 1 | AR-214 | Structural Machines & RCC Design | ARCHITECTURE |
| | 2 | AD-243 | Problems In I.C,Engines | AUTO DIESEL |
| | 3 | AF-213 | Farm Machinery-I | AUTO FARM |
| | 4 | BM/IPC/-242 | Operational Amplifiers & Application | BIOMEDICAL /IPC |
| | 5 | CHT/GC/ LT-263/233 | Quantitative Analysis | CHEMICAL / GC LT |
| | 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 PRESERVATION |
| | 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 & GRAPHICS |
| | 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 / WEAVING |
| | 24 | IH-232 | Sensors & Transducers | WATCH |

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| 20-10-2014 Monday | 1 AD-252 | Metrology | AUTO DIESEL |
| | 2 AF-222 | Crop Husbandry | AUTO FARM |
| | 3 BM-212 | Patient Safety & Ultrasound Radiation Physics | BIOMEDICAL |
| | 4 CHT/GC-271 | Safety Practice & Procedure | CHEMICAL /GLASS/SUGAR |
| | 5 CT-262 | Quantity Surveying-I | CIVIL |
| | 6 COMP-253 | Digital Electronics. | COMPUTER & INFORMATION |
| | 7 ET-242 | Installation Planning & Estimating | ELECTRICAL |
| | 8 ELT-233 | Pulse & Digital Circuits | ELECTRONICS |
| | 9 FPT-252 | Fruits / Vegetable & Mushroom Technology | FOOD PRESERVATION |
| | 10 IPC-212 | Applied Mechanics, Fluids & Fluidics | IPC |
| | 11 MP-212 | Metrology | MECHANICAL |
| | 12 MET-254 | Welding | MATALLUGARY |
| | 13 COMP-253 | Computer Application Software | MINING |
| | 14 PET-252 | Fuels & Combustion | PETROLEUM |
| | 15 PT-285 | Diesel Gas & Dual Fuel Engine Operation | POWER |
| | 16 SHOP-252 | Workshop Practice | PRINTING & GRAPHICS |
| | 17 RACT-253 | Workshop Practice-II | REF. & AIR-CONDITIONNG |
| | 18 TC-223 | Digital Circuits & Microprocessor | TELECOMMUNICATION |
| | 19 TT-243 | Textile Calculation | TEXTILE SPINNING / WEAVING |
| | 20 LH-265 | Escarpments & Regulating | WATCH |
| | 21 LT-264 | Vegetable Tanning | LEATHER |

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| 21-10-2014 Tuesday | 1 CHEM | Non Metallic Materials | METALLURGY |
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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 phone & 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.



(QAZI ARIF ALI)

CONTROLLER OF EXAMINATIONS