



ANNA UNIVERSITY :: CHENNAI 600 025

Office of the Controller of Examinations

Date : 15/07/2016

## KIND ATTENTION

### CHANGE IN THE QUESTION PAPER PATTERN FOR NOVEMBER/DECEMBER 2016 – EXAMINATIONS

U.G candidates those who are appearing for THIRD SEMESTER under Regulations 2013 (Both Regular and Arrear) shall have the New Pattern of question paper **except for MATHEMATICS**. Also some subjects of third semester are common with other semesters. Examinations for these subjects are also to be conducted under New Pattern. The details are given below.

### NEW PATTERN :

#### PART:- A

10 × 2 = 20 Marks (Answer All the Questions)

#### PART:- B

5 × 13 = 65 Marks (Answer All the Questions Either or choice)

#### PART:- C

1 × 15 = 15 Marks (Either or choice)

However for case study/Comprehensive type Questions, there will be no choice.

### List of Third Semester subjects of Regulations 2013 covered by the New Pattern:

Subject Code	Subject Title
AE6301	Aero Engineering Thermodynamics
AE6302	Elements of Aeronautics
AI6301	Soil Science and Engineering
AI6302	Fluid Mechanics and Hydraulics
AI6303	Surveying
AI6304	Theory of Machines
AR6301	Mechanics of Structures - II
AR6302	History of Architecture and Culture - III
AR6303	Climate and Built Environment
AR6304	Building Materials - III
AT6301	Automotive Engines
AT6302	Mechanics of Machines
BM6301	Bio Chemistry
BM6302	Sensors and Measurements
BM6303	Anatomy and Human Physiology
BT6301	Stoichiometry and Fluid Mechanics
BT6302	Bioorganic Chemistry

BT6303	Cell Biology
BT6304	Basic Industrial Biotechnology
CE6301	Engineering Geology
CE6301T	Engineering Geology
CE6302	Mechanics of Solids
CE6302T	Mechanics of Solids
CE6303	Mechanics of Fluids
CE6303T	Mechanics of Fluids
CE6304	Surveying I
CE6304T	Surveying I
CE6306	Strength of Materials
CE6306T	Strength of Materials
CE6402	Strength of Materials
CE6451	Fluid Mechanics and Machinery
CE6451T	Fluid Mechanics and Machinery
CE6452	Solid Mechanics
CH6301	Organic Chemistry
CH6302	Mechanics of Solids
CH6303	Physical Chemistry
CH6304	Fluid Mechanics
CH6359	Inorganic Chemistry
CH6361	Heat Transfer
CH6403	Chemical Process Calculations
CH6404	Mechanical Operations
CS6301	Programming and Data Structures -II
CS6302	Database Management Systems
CS6303	Computer Architecture
CS6304	Analog and Digital Communication
CS6365	Data Structures
EC6202	Electronic Devices and Circuits
EC6301	Object Oriented Programming and Data Structures
EC6302	Digital Electronics
EC6303	Signals and Systems
EC6304	Electronic Circuits- I
EC6464	Electronics and Microprocessors
EE6301	Digital Logic Circuits
EE6302	Electromagnetic Theory
EE6303	Linear Integrated Circuits and Applications
EE6351	Electrical Drives and Controls
EE6351T	Electrical Drives and Controls
EE6352	Electrical Engineering and Instrumentation
EE6356	Electrical Machines and Power Systems
EE6358	Electrical Machines and Drives
EI6301	Electrical Measurements
EL6301	Molecular Physical Chemistry
EL6302	Organic Chemistry
EL6303	Chemical Process Calculations
EL6404	Fluid Mechanics
EN6301	Environmental Chemistry
FD6301	Principles of Chemical Engineering



FD6302	Food Process Calculations
FD6303	Food Microbiology
FD6304	Fluid Mechanics
FD6305	Food Chemistry
FT6301	Textile Fibres
FT6302	Garment Construction
FT6303	Fashion Evolution
GE6351	Environmental Science and Engineering
GE6351T	Environmental Science and Engineering
GI6301	Cartography
GI6302	Surveying
GI6303	Principles of Remote Sensing
GI6304	Photogrammetry
GI6305	Geology for Geoinformatics
HT6301	Textile Physics
HT6302	Fabric Structure-I
HT6303	Handloom Weaving Technology
IE6301	Work System Design
IE6302	Engineering Economy, Costing and Accounting
IE6401	Operations Research - I
MD6301	Human Physiology
MD6302	Measurement and Instrumentation
MD6303	Digital Electronics and System Design
MD6304	Electronic Circuits
ME6301	Engineering Thermodynamics
ME6301T	Engineering Thermodynamics
ME6302	Manufacturing Technology - I
ME6302T	Manufacturing Technology - I
ME6352	Manufacturing Technology
ME6401	Kinematics of Machinery
ME6403	Engineering Materials and Metallurgy
MF6301	Manufacturing Processes - I
ML6301	Casting and Machining Processes
ML6302	Thermodynamics and Kinetics of Materials
ML6303	Materials Structure and Properties
ML6304	Processing of Iron and Steel
MS6301	Electrical and Electronics Engineering
MS6302	Machine Assembly Drawing
MV6301	Marine Hydraulics and Fluid Machinery
MV6302	Seamanship, Elementary Navigation and Survival At Sea
MV6303	Marine Manufacturing Technology
MV6304	Marine Electrical Machines - I
MV6305	Marine Refrigeration and Air Conditioning
MV6306	Marine Machinery Drawing
PC6301	Industrial Chemical Technology
PE6301	Process Engineering Calculations
PE6302	Geophysics-I
PE6303	Fluid Mechanics
PE6304	Engineering Thermodynamics
PR6301	Basic Machining Process

PR6302	Basics of Thermodynamics and Thermal Engineering
PR6303	Engineering Metallurgy
PT6301	Materials Engineering
PT6302	Organic Chemistry and Technology
PT6303	Polymer Chemistry
PY6301	Pharmaceutical Chemistry
PY6302	Microbiology
PY6303	Fluid Flow Operations
PY6304	Mass Transfer Operations
RO6301	Sensors and Instrumentation
TC6301	Structure and Properties of Fibres
TC6302	Technology of Yarn Manufacture
TC6303	Organic Chemistry
TT6301	Characteristics of Textile Fibres I
TT6302	Polymer Science
TT6303	Technology of Pre Weaving Process
TT6304	Technology of Pre Spinning Process

## List of subjects of Third Semester which are Common with Other Semesters

### Pattern of Question Paper : NEW

Subject Code	Subject Title
AT6302	Mechanics of Machines
CE6306	Strength of Materials
CE6402	Strength of Materials
CE6451	Fluid Mechanics and Machinery
CE6451T	Fluid Mechanics and Machinery
CH6301	Organic Chemistry
CH6403	Chemical Process Calculations
CH6404	Mechanical Operations
CS6302	Database Management Systems
CS6303	Computer Architecture
CS6304	Analog and Digital Communication
EC6202	Electronic Devices and Circuits
EC6301	Object Oriented Programming and Data Structures
EC6464	Electronics and Microprocessors
GE6351	Environmental Science and Engineering
GE6351T	Environmental Science and Engineering
IE6302	Engineering Economy, Costing and Accounting
IE6401	Operations Research - I
ME6302	Manufacturing Technology - I
ME6352	Manufacturing Technology
ME6401	Kinematics of Machinery
ME6403	Engineering Materials and Metallurgy
PC6301	Industrial Chemical Technology

**OLD PATTERN : PART A:  $10 \times 2 = 20$  (Marks)**

**PART B:  $5 \times 16 = 80$  (Marks)**

Subject Code	Subject Title
MA6351	Transforms and Partial Differential Equations
MA6351T	Transforms and Partial Differential Equations
MA6468	Probability and Statistics

CONTROLLER OF EXAMINATION

*Handwritten signature and date: 15/7/16*