

# SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



**EXAMINATION CIRCULAR NO.124 OF. 2018**

**THIRD YEAR ENGINEERING (2015 COURSE)**

**REVISED AS ON : 07/03/2018**

**Examination of APR/MAY-2018**

**(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)**

## INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
- Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
- Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
- No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
- Candidates are requested to note the Day, Date and Time of every Paper on every day.
- Candidates are permitted to use stencils at the time of examination.
- Candidates appearing for the examinations are expected to provide themselves with Side- rules.
- The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
- The written examination will be conducted in the following order.

**AUTOMOBILE**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	# Design of Machine Elements (316481) <b>02.30 PM To 05.30 PM</b>
Friday 04/05/2018	* Heat Transfer (302042)
Monday 07/05/2018	* Theory of Machines-II (302043)
Friday 11/05/2018	Automotive Electrical and Electronics (316482)
Monday 14/05/2018	* Metrology and Quality Control (302045)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Automotive Aerodynamics and body Engineering (316486)
Friday 18/05/2018	* Numerical Methods and Optimization (302047)
Monday 21/05/2018	* Manufacturing Process-II (302051)
Wednesday 23/05/2018	# Design of Engine Components (316484) <b>02.30 PM To 05.30 PM</b>
Friday 25/05/2018	Automotive Transmission (316485)

**NOTE:-**

**# Please note the timing**

**\* Common with Mechanical**

**CHEMICAL**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Chemical Engineering Mathematics (309341)
Friday 04/05/2018	Mass Transfer I (309342)
Monday 07/05/2018	Industrial Organization and Management (309343)
Friday 11/05/2018	Chemical Process Technology (309344)
Monday 14/05/2018	Chemical Engineering Thermodynamics II (309345)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Chemical Reaction Engineering I (309348)
Friday 18/05/2018	Transport Phenomena (309349)
Monday 21/05/2018	Chemical Engineering Design I (309350)
Wednesday 23/05/2018	Mass Transfer II (309351)
Friday 25/05/2018	Process Instrumentation and Control (309352)

**CIVIL**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Hydrology and water resource engineering. (301001)
Friday 04/05/2018	Infrastructure Engineering and Construction Techniques (301002)
Monday 07/05/2018	# Structural Design-I (301003) <b>02.30 PM To 05.30 PM</b>
Friday 11/05/2018	Structural Analysis-II (301004)
Monday 14/05/2018	Fluid Mechanics-II (301005)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Advanced Surveying (301007)
Friday 18/05/2018	Project Management and Engineering Economics (301008)
Monday 21/05/2018	Foundation Engineering (301009)
Wednesday 23/05/2018	# Structural Design-II (301010) <b>02.30 PM To 05.30 PM</b>
Friday 25/05/2018	Environmental Engineering-I (301011)

**NOTE:-**

**# Please note the timing**

**COMPUTER**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Theory of Computation (310241)
Friday 04/05/2018	Database Management Systems (DBMS) (310242)
Monday 07/05/2018	Software Engineering and Project Management (310243)
Friday 11/05/2018	Information Systems and Engineering Economics (310244)
Monday 14/05/2018	Computer Networks (CN) (310245)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Design and Analysis of Algorithms (310250)
Friday 18/05/2018	Systems Programming and Operating System (SP and OS) (310251)
Monday 21/05/2018	Embedded Systems and Internet of Things (ES and IoT) (310252)
Wednesday 23/05/2018	Software Modeling and Design (310253)
Friday 25/05/2018	Web Technology (310254)

**ELECTRICAL**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Industrial and Technology Management (311121)
Friday 04/05/2018	Advance Microcontroller and its Applications (303141)
Monday 07/05/2018	Electrical Machines II (303142)
Friday 11/05/2018	Power Electronics (303143)
Monday 14/05/2018	Electrical Installation, Maintenance and Testing (303144)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Power System II (303146)
Friday 18/05/2018	Control System I (303147)
Monday 21/05/2018	Utilization of Electrical Energy (303148)
Wednesday 23/05/2018	Design of Electrical Machines (303149)
Friday 25/05/2018	Energy Audit and Management (303150)

**ELECTRONICS**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Power Electronics and Applications (304201)
Friday 04/05/2018	Instrumentation Systems (304202)
Monday 07/05/2018	Electromagnetics and Wave propagation (304203)
Friday 11/05/2018	Microcontrollers and Applications (304204)
Monday 14/05/2018	Data Communication (304205)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	DSP and Applications (304206)
Friday 18/05/2018	Embedded Processors (304207)
Monday 21/05/2018	Business Management and Organization (304208)
Wednesday 23/05/2018	Fundamentals of HDL (304209)
Friday 25/05/2018	PLC and Applications (304210)

**ELECTRONICS & TELECOMMUNICATION**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Digital Communication (304181)
Friday 04/05/2018	Digital Signal Processing (304182)
Monday 07/05/2018	Electromagnetics (304183)
Friday 11/05/2018	Microcontrollers (304184)
Monday 14/05/2018	Mechatronics (304185)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Power Electronics (304186)
Friday 18/05/2018	Information Theory, Coding and Communication Networks (304187)
Monday 21/05/2018	Business Management (304188)
Wednesday 23/05/2018	Advanced Processors (306189)
Friday 25/05/2018	System Programming and Operating Systems (304190)



**INFORMATION TECHNOLOGY**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Theory of Computation (314441)
Friday 04/05/2018	Database Management Systems (314442)
Monday 07/05/2018	Software Engineering and Project Management (314443)
Friday 11/05/2018	Operating System (314444)
Monday 14/05/2018	Human-Computer Interaction (314445)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Computer Network Technology (314450)
Friday 18/05/2018	Systems Programming (314451)
Monday 21/05/2018	Design and Analysis of Algorithms (314452)
Wednesday 23/05/2018	Cloud Computing (314453)
Friday 25/05/2018	Data Science and Big Data Analytics (314454)

**INSTRUMENTATION & CONTROL**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Embedded System Design (306261)
Friday 04/05/2018	Instrumental Methods for Chemical Analysis (306262)
Monday 07/05/2018	Control System Components (306263)
Friday 11/05/2018	Control System Design (306264)
Monday 14/05/2018	Industrial Organisation and Management (306265)

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	Digital Signal Processing (306268)
Friday 18/05/2018	Process Loop Components (306269)
Monday 21/05/2018	Unit Operations and Power Plant Instrumentation (306270)
Wednesday 23/05/2018	Instrument and System Design (306271)
Friday 25/05/2018	Bio- Medical Instrumentation (306272)

**MECHANICAL**

**SEM-I**

<b>2015 Course TIME-02.30 PM To 05.00 PM</b>	
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	# Design of Machine Elements-I (302041) <b>02.30 PM To 05.30 PM</b>
Friday 04/05/2018	* Heat Transfer (302042)
Monday 07/05/2018	* Theory of Machines-II (302043)
Friday 11/05/2018	Turbo Machines (302044)
Monday 14/05/2018	* Metrology and Quality Control (302045)

**SEM-II**

<b>2015 Course TIME-02.30 PM To 05.00 PM</b>	
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	** Mechatronics (302050)
Friday 18/05/2018	* Numerical Methods and Optimization (302047)
Monday 21/05/2018	* Manufacturing - Process-II (302051)
Wednesday 23/05/2018	# Design of Machine Elements-II (302048) <b>02.30 PM To 05.30 PM</b>
Friday 25/05/2018	Refrigeration and Air Conditioning (302049)

**NOTE:-**

**# Please note the timing**

**\* Common with Automobile**

**\*\* Common with Mechanical - Sandwich only**

**MECHANICAL-SANDWICH**

**SEM-I**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 02/05/2018	Numerical Methods and Optimization (302047)
Friday 04/05/2018	* Heat Transfer (302042)
Friday 11/05/2018	Applied Computer Aided Engineering (302061)
Monday 14/05/2018	# Machine Design (302062) <b>02.30 PM To 05.30 PM</b>

**SEM-II**

	<b>2015 Course TIME-02.30 PM To 05.00 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 16/05/2018	* Mechatronics (302050) :SEM-1
Friday 18/05/2018	Materials and Manufacturing Engineering (Self Study-I) (302066)
Monday 21/05/2018	Industrial Engineering And Technology Management (Self Study-II) (302067)

**NOTE:-**

**# Please note the timing**

**\* Common with Mechanical**

**The Practical/ Oral Examination of T.E. will be conducted from 09.04.2018 To 23.04.2018.**

Ganeshkhind, Pune - 411 007

Ref.No/XCT/589

Date:08/03/2018

Dr. Ashok Chavan

Director

Board of Examinations And Evaluation