

HERITAGE INSTITUTE OF TECHNOLOGY

ROUTINE FOR B.TECH, M.TECH & MCA THEORY EXAMINATIONS OF ODD SEMESTER, 2019

(UNDER AUTONOMY)

DATE : 04.12.2019 (Wednesday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
HMTS 2001	Human Values & Professional Ethics	AEIE, BT, CSE, ECE, EE, IT & ME
CHEN 2101	Particle & Fluid Particle Processing	CHE
CIVL 2101	Fundamentals of Strength of Materials	CE
HMTS 2001	Human Values & Professional Ethics (Backlog)	AEIE, CSE, ECE & IT
HMTS 2002	Indian Culture & Heritage (Backlog)	BT, CE, CHE, EE & ME
MCAP 2101	Design and Analysis of Algorithms	MCA
AEIE 6131	Micro-Electromechanical System Design	AEIE
BIOT 6132 / 6133	Biopharmaceutical / Downstream Processing	BT
CSEN 6137	Information Retrieval	CSE
ECEN 6132	Internet of Things (IoT) and Applications	ECE
VLSI 6132	RF IC Design & MEMS	VLSI

DATE: 04.12.2019 (Wednesday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 4101	Telemetry & Remote Control	AEIE
BIOT 4101	Animal Cell Culture & Animal Biotechnology	BT
CIVL 4101	Water Resources Engineering	CE
CHEN 4101	Transport Phenomena	ChE
CSEN 4101	Compiler Construction	CSE
ECEN 4101	RF & Microwave Engineering	ECE
ELEC 4101	Electric Drives & Power Utilization	EE
INFO 4101	Internet Technology	IT
MECH 4101	Power Plant Engineering	ME

DATE: 05.12.2019 (Thursday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
HMTS 3101	Economics for Engineers	AEIE,BT,CE,CHE,CSE, ECE,EE,IT& ME
MCAP 3150	System Administration using Linux	MCA

DATE: 05.12.2019 (Thursday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
MATH 1101	Mathematics – I (Regular & Backlog)	AEIE,BT,CE,CHE,CSE, ECE,EE,IT& ME
HMTS 1101	Accounting and Management Control	MCA
HMTS 1102	Technical Communication (Backlog)	MCA
AEIE 5101	Advanced Digital Signals & Systems	AEIE
BIOT 5101	Advanced Genetic Engineering	BT
CSEN 5101	Advanced Data Structure	CSE
ECEN 5101	Antenna & Radiating Systems	ECE
VLSI 5101	Digital VLSI IC Design	VLSI
REEN 5101	Renewable Energy Resource and Characteristics	RE

DATE: 06.12.2019 (Friday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
EVSC 2016	Environmental Sciences	BT, CE, IT & ME
AEIE 2101	Analog Electronic Circuits	AEIE
CHEN 2102	Chemical Engineering Fluid Mechanics	CHE
CSEN 2101	Data Structure & Algorithms	CSE
ECEN 2102	Circuit and Network Theory	ECE
ELEC 2101	Circuit Theory	EE
MATH 2001	Mathematical Methods (Backlog)	AEIE, CE, ECE & EE
BIOT 2101	Chemistry of Biomolecules (Backlog)	BT
CHEN 2101	Mechanical Operation (Backlog)	CHE
CSEN 2102	Discrete Mathematics (Backlog)	CSE
INFO 2101	Digital Electronics (Backlog)	IT
MECH 2101	Applied Thermodynamics (Backlog)	ME
MCAP 2102	Data Communication & Computer Networks	MCA
AEIE 6122	Intelligent Control	AEIE
BIOT 6121	Engineering Mathematics and Biostatistics	BT
MATH 6121	Optimization Techniques	CSE, ECE & VLSI

DATE: 06.12.2019 (Friday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 4102	Power Electronics & Drives	AEIE
BIOT 4102	Bioseparation Technology	BT
CHEN 4103	Modelling Simulation & Optimization	ChE
CIVL 4144	Hydraulics Structures	CE
CSEN 4142 / 4144 /4145 /	Advanced Operating System / Data Mining and Knowledge Discovery / Cloud Computing	CSE
ECEN 4102	Coding and Information Theory	ECE
ELEC 4102	High Voltage Engineering	EE
INFO 4102	Image Processing	IT
MECH 4102	Advanced Manufacturing Technology	ME

DATE: 09.12.2019 (Monday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 3101	Communication Techniques	AEIE
BIOT 3101	Genetics	BT
CIVL 3101	Analysis of structures II	CE
CHEN 3101 / CHE 504B	Chemical Process Technology – I / Machine Design (Backlog)	CHE
CSEN 3101	Formal Language & Automata Theory	CSE
ECEN 3102	Control Systems	ECE
ELEC 3101	Electrical Machine-II	EE
INFO 3101	Operating Systems Concepts	IT
MECH 3101	Dynamics of Machines	ME
MCAP 3160	Cryptography and Network Security	MCA

DATE: 09.12.2019 (Monday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
CHEM 1001	Chemistry – I (Regular & Backlog)	AEIE, CSE, ECE & IT
PHYS 1001	Physics – I (Regular & Backlog)	BT, CE, CHE, EE & ME
HMTS 1102	Oral and Written Communications	MCA
MCAP 1101	Digital Logic Design (Backlog)	MCA
AEIE 5102	Programming Language for Embedded IoT Systems	AEIE
BIOT 5102	Physicochemical Techniques in Biotechnology	BT
MATH 5101	Advanced Discrete Mathematics & Statistical Methods	CSE
ECEN 5102	Wireless & Mobile Communication	ECE
VLSI 5102	Embedded Systems Design	VLSI
REEN 5102	Renewable Energy –I	RE

DATE: 10.12.2019 (Tuesday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
MATH 2001	Mathematical Methods	AEIE, ECE & ME
MATH 2101	Mathematical & Statistical Methods	BT
CSEN 2102	Discrete Mathematics	CSE & IT
CIVL 2102	Soil Mechanics - I	CE
CHEN 2103	Basics of Material & Energy Balance	CHE
ELEC 2102	Analog & Digital Electronics	EE
MATH 2002	Numerical & Statistical Methods (Backlog)	AEIE, ECE & IT
BIOT 2102	Industrial Stoichiometry (Backlog)	BT
CIVL 2101	Surveying (Backlog)	CE
CHEN 2102	Fluid Mechanics (Backlog)	CHE
CSEN 2103	Object Oriented Programming (Backlog)	CSE
ELEC 2101	Analog & Digital Electronic Circuits (Backlog)	EE
MECH 2102	Strength of Materials (Backlog)	ME
MCAP 2103	Database Management Systems II	MCA

DATE: 10.12.2019 (Tuesday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 4142 / 4143	Soft Computing / Power Plant Instrumentation	AEIE
BIOT 4141 /4142 / 4143	Food Biotechnology / Environmental Biotechnology / Bioprocess & Process Instrumentation	BT
CHEN 4141 / 4142	Reactor Design / Industrial Safety & Hazard Analysis	ChE
CIVL 4163	Environmental Pollution & Control	CE
CSEN 4161 / 4162 / 4163 / 4165	Natural Language Processing / Cryptography and Network Security / Graph Algorithms / Web Intelligence and Big Data	CSE
ECEN 4103	Advanced Communication Systems	ECE
ELEC 4161	Advanced Power System	EE
INFO 4142	Cyber Law & Security Policy	IT
MECH 4103	Operations Research	ME

DATE: 11.12.2019 (Wednesday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 3102	Microprocessor- Architecture and Applications	AEIE
BIOT 3102	Bioinformatics	BT
CIVL 3102	Soil Mechanics II	CE
CSEN 3102	Database Management Systems	CSE
CHEN 3102	Chemical Reaction Engineering	CHE
ECEN 3103	Micro Electronics and Analog VLSI Design	ECE
ELEC 3102	Power System-I	EE
INFO 3102	Computer Architecture	IT
MECH 3102	Heat Transfer	ME
MCAP 3171	Soft Computing	MCA

DATE: 11.12.2019 (Wednesday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
ELEC 1001	Basic Electrical Engineering	AEIE, CSE, ECE & IT
CSEN 1001	Programming for Problem Solving	BT, CE, CHE, EE & ME
MECH 1101	Engineering Mechanics (Backlog)	CSE,IT,ECE,BT,AEIE,CHE,ME,CE & EE
MCAP 1101	Introduction to Programming	MCA
MCAP 1102	Introduction to Programming (Backlog)	MCA
AEIE 5103	Research Methodology & IPR	AEIE
BIOT 5103	Research Methodology, Bioethics & IPR	BT
CSEN 5102	Research Methodology & IPR	CSE
ECEN 5103	Research Methodology & IPR	ECE & VLSI
REEN 5103	Research Methodology and IPR	RE

DATE: 12.12.2019 (Thursday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 2102	Sensors & Transducers	AEIE
BIOT 2102	Industrial Stoichiometry	BT
ECEN 2101	Analog Circuits	CSE, ECE & IT
BIOT 2105	Biology	CE, CHE, EE & ME
PHYS 2001	Physics – II (Backlog)	IT, ME & EE
AEIE 2101	Analog Electronics (Backlog)	AEIE
BIOT 2103	Biochemistry (Backlog)	BT
CIVL 2102	Strength of Materials (Backlog)	CE
CHEN 2103	Energy Engineering (Backlog)	CHE
ECEN 2104	Digital Logic (Backlog)	CSE
ECEN 2101	Analog Electronic Circuit (Backlog)	ECE
MCAP 2104	Operating Systems	MCA

DATE: 12.12.2019 (Thursday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 4181	Instrumentation & Telemetry	EE
AEIE 4182	Introduction to Embedded Systems	ECE & IT
BIOT 4181	Biosensors	AEIE, CHE & CSE
BIOT 4182	Biopolymer	CHE
CHEN 4181	Safety and Hazard Analysis	BT & CE
CHEN 4182	Project Management	BT & ME
CIVL 4181	Building Materials	ME
CSEN 4182	Intelligent Web and Big Data	AEIE & ECE
ECEN 4181	VLSI Design Automation	AEIE, CSE & IT
ELEC 4182	Circuit Theory Analysis	CE
INFO 4182	Cloud Computing	ECE & EE
MATH 4181	Operations Research and Optimization Techniques	CSE, ECE & IT
MATH 4182	Linear Algebra	AEIE & CSE
MECH 4181	Quantitative Decision Making	CE

DATE: 13.12.2019 (Friday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 3103	Industrial Instrumentation	AEIE
BIOT 3103	Recombinant DNA Technology	BT
CIVL 3103	Highway & Traffic Engineering	CE
CHEN 3103	Separation Process - II	CHE
CSEN 3103	Operating System	CSE
ECEN 3104	Microprocessors, Microcontrollers and Systems	ECE
ELEC 3103	Signal & System	EE
INFO 3103	Software Engineering & Project Management	IT
MECH 3103	Design of Mechanical System-I	ME
MCAP 3182	Compiler Design	MCA

DATE: 13.12.2019 (Friday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
HMTS 1011	Communication for Professional	AEIE, CSE, ECE & IT
ECEN 1011	Basic Electronics	BT, CE, CHE, EE & ME
ELEC 1001	Basic Electrical Engineering (Backlog)	AEIE, CSE, ECE & IT
ECEN 1001	Basic Electronics Engineering (Backlog)	BT, CE, CHE, EE & ME
MCAP 1102	Mathematical Foundations	MCA
MCAP 1103	Numerical and Statistical Technique (Backlog)	MCA
AEIE 5132	Medical Instrumentation	AEIE
BIOT 5131	Advanced Enzyme Technology	BT
CSEN 5131	Machine Learning	CSE
ECEN 5131	Wireless Ad Hoc & Sensor Networks	ECE
VLSI 5132	VLSI IC Fabrication	VLSI
REEN 5142	Thermal and Electrical Energy Fundamentals	RE

ATE: 16.12.2019 (Monday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 2103	Circuit Theory & Network Analysis	AEIE
BIOT 2103	Biochemistry	BT
MECH 2106	Mechanics for Engineers	CHE & EE
CIVL 2103	Construction Materials and Technology	CE
ECEN 2104	Digital Logic	CSE
ECEN 2103	Signals & Systems	ECE
ECEN 2002	Digital Systems Design	IT
MECH 2101	Engineering Mechanics	ME
CHEM 2001	Basic Environmental Engineering & Ecology (Backlog)	CSE, IT, BT & CHE
AEIE 2102	Circuit Theory and Networks (Backlog)	AEIE
CIVL 2103	Building Materials & Construction (Backlog)	CE
ECEN 2102	Data Structure (Backlog)	ECE
ELEC 2103	Field Theory (Backlog)	EE
MECH 2103	Fluid Mechanics (Backlog)	ME
CHEM 2101	Environment and Ecology	MCA

DATE: 16.12.2019 (Monday)

TIME: 2 PM – 5 PM

PAPER CODE	PAPER NAME	DEPARTMENT
BIOT 4162 / 4164 / 4165	Biomaterials / Proteomics and Protein Engineering / Human Genomics	BT
MECH 4141/ 4142/4143/4144	Advanced Welding Technology / Computational Methods in Engineering / Quantity Production Method / Computational Fluid Dynamics	ME

DATE: 17.12.2019 (Tuesday)**TIME: 10 AM – 1 PM**

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 3104	Control Systems	AEIE
BIOT 3104	Transfer Operation-II	BT
CIVL 3104	Environmental Engineering	CE
CSEN 3104	Computer Architecture	CSE
CHEN 3104	Numerical Methods of Analysis	CHE
ECEN 3105	Digital Communication	ECE
ELEC 3104	Data Structure & Database Concept	EE
INFO 3104	DBMS	IT
MECH 3131/ 3132/ 3133	Fluid Power Control / Refrigeration & Air Conditioning / Electrical Machines	ME

DATE: 17.12.2019 (Tuesday)**TIME: 2 PM – 5 PM**

PAPER CODE	PAPER NAME	DEPARTMENT
HMTS 1101	Business English (Backlog)	CSE,IT,ECE,BT,AEIE,CHE,ME,CE & EE
MCAP 1103	Numerical Analysis	MCA
MCAP 1104	Discrete Mathematics (Backlog)	MCA
AEIE 5141	Mechatronics	AEIE
BIOT 5141 / 5142	Agricultural Biotechnology / Advanced Environmental Biotechnology	BT
CSEN 5141	Data Science	CSE
ECEN 5141	Satellite Communication Applications	ECE
VLSI 5142	Modelling of VLSI Device	VLSI
REEN 5146	Statistical Analysis	RE

DATE: 18.12.2019 (Wednesday)**TIME: 10 AM – 1 PM**

PAPER CODE	PAPER NAME	DEPARTMENT
AEIE 2111	Material Science & Technology	AEIE
BIOT 2104	Microbiology	BT
CHEN 2104	Thermodynamics - I	CHE
CIVL 2113	Fluid Mechanics	CE
MATH 2111	Probability & Statistical Methods	CSE
CSEN 2004	Data Structure and Basic Algorithms	ECE
ELEC 2103	Electrical & Electronic Measurement	EE
INFO 2101	Fundamentals of Data Structure & Algorithms	IT
MECH 2102	Fluid Mechanics & Hydraulics	ME
CSEN 2001	Data Structure & Basic Algorithms (Backlog)	AEIE & IT
BIOT 2104	Microbiology (Backlog)	BT
ECEN 2105	Circuit Theory and Filters (Backlog)	ECE
ELEC 2102	Circuit Theory (Backlog)	EE
CIVL 2104	Engineering Geology (Backlog)	CE
CHEN 2104	Industrial Stoichiometry (Backlog)	CHE
CSEN 2101	Data Structure & Algorithms (Backlog)	CSE
MECH 2104	Engineering Materials (Backlog)	ME

DATE: 19.12.2019 (Thursday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
CSEN 3106	Data Structure & Algorithms	BT
CIVL 3105	Design of R.C.C. Structures	CE
CHEN 3132/3133	Petrochemical Technology / Material Science & Engineering	CHE
AEIE 3105	Microprocessors & Microcontrollers	CSE
ELEC 3131 / 3132	Electronic Instrumentation / Illumination Engineering	EE
INFO 3132 /3133	Compiler Design / Discrete Mathematics	IT
MECH 3141 / 3142/3143/3144	Total Quality Management / Finite Element Method / Turbo Machinery / New Product Development	ME
MCAP 1105	Management Information System (Backlog)	MCA
DIMA 5116	Disaster Management	AEIE,BT,CSE,ECE, VLSI & RE

DATE: 20.12.2019 (Friday)

TIME: 10 AM – 1 PM

PAPER CODE	PAPER NAME	DEPARTMENT
BIOT 2101	Chemistry of Biomolecules	BT
PHYS 2111	Physics II	CHE
INFO 2111	Information Theory & Coding	IT
PHYS 2101	Physics - II	ME
ECEN 2103	Signals and Systems (Backlog)	ECE
INFO 2102	Computer Organization (Backlog)	IT
MECH 2105	Metrology & Measurement (Backlog)	ME


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