

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 16.06.2014	PAPER-I	PHARMACUETICAL CHEM. PHYSICS STATISTICS ZOOLOGY	Conformational Analysis, Asymmetric Synthesis Chemistry of Pharmacology (Old- CBCS) Chirotechnology (Old - Non-CBCS) Modern Optics (Common) Modern Optics & Spectroscopy (Old-CBCS) Solid State Physics (Old_CBCS) Parametric Inference Instrumentation & Comp. Appl. in Biology
Wednesday 18.06.2014	PAPER-II	GEOLOGY APPL. GEO-CHEMISTRY ASTROPHYSICS APPL. ELECTRONICS ASTRONOMY APPL. STATISTICS ANAL. CHEMISTRY BOTANY BIOCHEMISTRY BIO-TECHNOLOGY COMPUTER SCIENCE ELECTRONICS ENVIRONMENTAL SCI. FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS	Hydrogeology Energy Resources Ore Geo-Chemistry & Minerals (Old-CBCS) Stellar Structure & Evolution A) Advanced Solid State Physics (CBCS) B) Computational Physics Using Matlab (CBCS & Non-CBCS) Nano Science & Applications (Old-CBCS) Computer Organization (Old-Non-CBCS) Astronomical Techniques Reliability Theory (CBCS) Statistical Process & Quality Control (Non-CBCS) Spectroscopic Methods of Analysis - I A) Biodiversity Taxonomy & Applied Mycology (CBCS) A) Applied Mycology (Non-CBCS) (Spl. Appl. Myco. & Mol. Plant Pathology) B) Carbon Assimilation & Crop Productivity (Spl - Appl. Plt. Phy. & Molecular Biology) C) Cyto Genetics (Spl-Cytogenetics, Gen, & Mol, Genetics) D) Biodiversity of Angiosperms (Spl - Biodiversity of Anglo., phytochem. and Biotech. Of Medicinal Plants) E) Actuopalynology (CBCS) (Spl - Appl Palynology Palaeo Phytology) Immunology & Immunotech. (CBCS) Regulation of Gene Expression & Genetic Engineering (Non-CBCS) Industrial Biotechnology Obj. Oriented Sys. Deve. with UML (CBCS) Artificial Intelligence (Non-CBCS) Data & Comp. Communications(Non-CBCS) Water Treatment & Solid Waste Mgt. Forensic Toxicology Agricultural Geography Human Molecular Genetics (CBCS) Genetics of Crop Improvement (Non-CBCS) Electrical Methods Resource Management

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Wednesday 18.06.2014	PAPER-II	INORG. CHEMISTRY MATHEMATICS APPL. MATHEMATICS MATHS WITH COMP. SCI. MICROBIOLOGY NUTRITION & DIETETICS NANO SCIENCE ORGANIC CHEMISTRY PHYSICAL CHEMISTRY CHEMISTRY (PHARMACO INFORMATICS) PHARMACUETICAL CHEM. PHYSICS PHY.ORG.CHEMISTRY STATISTICS ZOOLOGY	Molecular Spectroscopy Of Inorganic Compounds Elementary Operator Theory Finite Difference Methods (CBCS) Viscous Flows (Non-CBCS) Theory of O.D.E. (Old - CBCS) Mathematical Methods (CBCS) Networks (Non-CBCS) Industrial Microbiology Food Safety & Quality Control Semiconductor, Nano Structures (Old) Modern Organic Synthesis (CBCS) Asymmetric Synthesis & Synthetic Strategies & Heterocyclics (Non-CBCS) Spectroscopy & Lasers (CBCS - New & Old) Thermodynamics Solids Liquids & Electrochemistry (Non-CBCS) Principles of Drug Discovery, Development Drug Targets Pharmaceutical Design, Development & Computer Application (Old-CBCS) Modern Organic Synthesis Pharmacokinetics & Therapeutics (Old - CBCS) A) Advanced Solid State Physics B) Computational Physics Using Matlab Nano Science & Applications (Old- CBCS) Modern Optics & Spectroscopy (Old-N-CBCS) Thermodynamics, Supramolecular Chemistry & Nano Particles Non Equalization Thermodynamics (Old) Adv. Design & Anal. of Experiments (CBCS) Design & Analysis of Experiments (Non-CBCS) Immunology
Friday 20.06.2014	PAPER-III	GEOLOGY APPL. GEO-CHEMISTRY ASTROPHYSICS APPL. ELECTRONICS ASTRONOMY APPL. STATISTICS ANAL. CHEMISTRY	Remote Sensing & G I S Environmental Geochemistry Galactic Structure & Interstellar Matter Digital Signal Processing & Digital Signal Processors Computer Organization (Old-CBCS) Data & Comp. Communications (Old-N-CBCS) Electronics Forecasting Models Spectroscopy Methods of Analysis-II (CBCS) Chromatographic, Mass Spectrometric and Hyphenated Techniques (Non-CBCS)

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DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Friday 20.06.2014	PAPER-III	BOTANY	A) Field Pathology (Spl.- Myco. & Mol. Plant Pathology) B) Stress Physiology (Spl-Appl. Plt. Phy. and Molecular Biology) C) Genetics (Spl - Cytogenetics, Gen., & Mol, Genetics) D) Cultivation & Post harvest Tech. Of Medicinal Plants (Spl-Biodiversity of Angio, Phytochem. & Biotech. Of Medicinal Plants) E) Aerobiology, Melitopalynology & Forensic Palynology (CBCS) (Spl. - Appl. Palynology, Palaeo Phytology)
		BIOCHEMISTRY	Virology, Nutrition & Clinical Bio-Chemistry (CBCS) Biochemical Genetics (Non CBCS)
		BIO-TECHNOLOGY	Bio-Informatics (CBCS) Immunology (Non-CBCS)
		COMPUTER SCIENCE	Network Security (CBCS) Object Oriented System Development with UML (Non-CBCS)
		ELECTRONICS	Embedded Systems & Applications (Non-CBCS)
		ENVIRONMENTAL SCI.	Remote Sensing & GIS
		FORENSIC SCIENCE	Intellectual property Rights, Entrepreneurship Ethics & Research Methodology
		GEOGRAPHY	Photogrammetry
		GENETICS	Plant Bio-Technology (CBCS) Human Genetics (Non-CBCS)
		GEOPHYSICS	Signal Processing & Geophysical Inversion
		GEO-INFORMATICS	Web GIS
		INORG. CHEMISTRY	Organo Metallic Chemistry of Transition Metal Complexes (New & Old)
		MATHS WITH COMP. SCI.	R D B M S with S Q L (CBCS) Software Engineering (Non-CBCS)
		MICROBIOLOGY	Environmental & Agriculture Microbiology (CBCS) Soil Microbiology (Non-CBCS)
		MATHEMATICS	A) Mechanics B) Analytic Number Theory C) Operations Research (Non-CBCS)
		APPL. MATHEMATICS	A) Compressible Flows B) Theory of O.D.E (CBCS) C) Topology (CBCS) D) Operations Research (Non-CBCS) E) Differential Geometry (Non-CBCS)
		NUTRITION & DIETETICS	Product Development
		NANO SCIENCE	Nano Sensors & Nano Devices (Old)
		ORGANIC CHEMISTRY	Org. Spectroscopy, Pericyclic Reactions (CBCS) Modern Organic Synthesis (Non-CBCS)
		PHYSICAL CHEMISTRY	Quantum Chemistry & Group Theory Quantum Chemistry, Group Theory & Supramolecular Chemistry (Non-CBCS)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Friday 20.06.2014	PAPER-III	CHEMISTRY (PHARMACO INFORMATICS) PHY.ORG.CHEMISTRY PHARMACUETICAL CHEM. PHYSICS STATISTICS ZOOLOGY	Chemistry of Pharmacology (New & Old) Conformational Analysis, Asymmetric Synthesis & Synthetic Strategies Conformational Analysis Pericyclics NMR Spectroscopy, Pericyclic Reactions, Synth. Strategies & Hetrocyclic Compounds Pharmacokinetics & Pharmaco Dynamics (Old - Non-CBCS) Analy. by Separation Techniques (Old-CBCS) A) Crystal Physics & Physical Properties (Spl. Solid State Physics) B) Metals & Alloys (Spl. Materials Science) C) Digital Logic Circuits (Spl. Elec. Instrumentation) D) 8051 Micro Controller & Its Applications (Spl. Elec. Communications) E) Molecular Bio-Physics (Spl. Bio-Physics) F) Transmission Lines, Strip Lines & Microwaves Passive Devices (Spl. Microwaves) G) Crystal Physics (Spl. Condensed Matter Physics) H) Introduction to Optoelectronics (Spl. Optoelectronics) Applied Regression Models A) Helminthology-I (Monogenea, Aspidogastrca, Digenea & Cestoda) B) Entomology-I (Agricultural Entomology) C) Comparative Animal Physiology-I (Animal Adaplations to its Habitat-A Comparative Approach) D) Fisheries -I (Principles of Fisheries and Fresh Water) E) Neuro Science -I
Monday 23.06.2014	PAPER-IV	GEOLOGY APPLIED GEOCHEMISTRY ASTROPHYSICS APPLIED ELECTRONICS ASTRONOMY APPLIED STATISTICS ANALYTICAL CHEMISTRY	A) Disaster Management B) Watershed Management Mineral Exploration Techniques Classical (Celestial) Mechanics Data Communications & Networking Tale Transmission Systems (Old-Non-CBCS) Radio Astronomy Statistical Process & Quality Control (CBCS) Java Programming (Non-CBCS) Separation Methods (CBCS) Applied Methods of Analysis (Old-CBCS) Environ., Clinical & Food Anal. (Non-CBCS)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Monday 23.06.2014	PAPER-IV	BOTANY	A) Fungal Biotechnology (CBCS) A) Environmental Mycology (Non-CBCS) (Spl.- Appl. Myco. & Mol. Plant Pathology) B) Physiology & Molecular Biology of Nitrogen Fixation (CBCS) B) Plant Tissue Culture & Biotech.(Non-CBCS) (Spl-Appl. Plt. Phy. and Molecular Biology) C) Phytochemistry of Medicinal Plants (Spl-Biodiversity of Angio, Phytochem. & Biotech. Of Medicinal Plants) D) Plant Bio-tech. & Genetic Engg. (CBCS) D) Bio-Technology (Non-CBCS) (Spl - Cytogenetics, Gen., & Mol, Gene.) E) Palaeopalynology & Exploration of Hydro Carbons (CBCS) (Spl. Appl. Palynology, Palaeophytology)
		BIOCHEMISTRY	Cell - Cell Communication & Signal Transduction (CBCS) Biochemical Techniques (Non-CBCS)
		BIO-TECHNOLOGY	Agricultural Biotechnology (CBCS) Intellectual Property Rights, Entrepreneurship, Science & Ethics Issues & Research Methodology (Non-CBCS)
		COMPUTER SCIENCE	A) Artificial Intelligences & Neural Networks (CBCS) B) Image Processing (CBCS) C) Parallel Programming (CBCS) Network Security (Non-CBCS) Mobile Communications (Non-CBCS)
		ELECTRONICS	Resource Management
		ENVIRONMENTAL SCIENCE	Forensic Medicine
		FORENSIC SCIENCE	Legal & Social Aspects of Forensic Science (Old-CBCS)
		GEOGRAPHY	Political Geography
		GENETICS	Genetic Toxicology & Genomic Stability (CBCS) Plant Bio-Technology (Non-CBCS)
		GEOPHYSICS	Theory of Fields
		GEO-INFORMATICS	Principles of GPS
		INORG. CHEMISTRY	Photo Chemistry, Thermal, Diffraction & Mass Spectrometry Methods (CBCS) Photochemistry of Coordination Compounds and Spectroscopic Tech. (Non-CBCS & CBCS-Old)
		MATHEMATICS	A) Operations Research (CBCS) B) Numerical Techniques (CBCS) C) Graph Theory (CBCS) D) Communicative Rings (Non-CBCS) E) Integral Equations (Non-CBCS) F) Coding Theory (Non-CBCS)
		APPL. MATHEMATICS	A) Operations Research (CBCS) B) Numerical Techniques (CBCS) C) Theory of Ordinary Differential Equations (Non-CBCS) D) Computational Biology (Non-CBCS) E) Mechanics of Solids (Non-CBCS)

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Wednesday 25.06.2014	PAPER-V	APPL. ELECTRONICS	Optical Fibre Communication & Mobile Communication
		COMPUTER SCIENCE	Microwave Systems (Old-Non-CBCS) Quantitative Techniques (CBCS) A) Neural Networks & Fuzzy Logic (Non-CBCS) B) Image Processing (Non-CBCS) C) Parallel Programming (Non-CBCS)
		ELECTRONICS MATHEMATICS	Electronic Instrumentation (Non-CBCS) A) Algebraic Number Theory B) Integral Equations (CBCS) C) Differential Geometry (CBCS) D) App. Of Functional Anal. (Non-CBCS) E) Numerical Techniques (Non-CBCS)
		PHYSICS	A) Band Theory & Electrical Properties (Spl - Solid State Physics) B) Thin Films & Their Properties (Spl. Materials Science) C) Electronic Instrumentation (Spl - Elec. Instrumentation) D) Data & Computer Communications-I (Spl - Electronics Communications) E) Physiological Bio-Physics (Spl - Bio-Physics) F) Signal Conditioning & Processing Techniques (Spl - Microwaves) G) Electrical Transport Phenomena In Solids (Spl. Condensed Matter Physics) H) Optoelectronic Devices Sources & Detectors (Spl. Optoelectronics) (Non-CBCS)
		APPL. MATHEMATICS	A) Discrete Mathematics B) Integral Equations C) Diff. Geometry (CBCS) D) Numerical Techniques (Non-CBCS)
		MATHS WITH COMP. SCI.	A) Neural Networks And Fuzzy Logic B) Operations Research C) Design Analy. & Algorithms (Non-CBCS) D) Topology (Non-CBCS)
		PHARMACUETICAL CHEM.	New Techniques Drug Synthesis (Old)

NOTE : Any Clash or omission in the Subjects/Titles in the Time-Table may be brought to the notice of the Controller of Examinations.

**Sd/-
CONTROLLER OF EXAMINATIONS**

EXAMINATION BRANCH; OSMANIA UNIVERSITY; HYDERABAD - 500 007

No.013/PG/MSC/Exams/2014

Date : 13.06.2014

M.SC. (CBCS & Non-CBCS) and M.SC. (NANO SCIENCE)
I-SEMESTER (BACKLOG & IMPROVEMENT) EXAMINATIONS JUNE, 2014

TIME TABLE

TIME : 10.00 A.M. TO 1.00 P.M.

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Tuesday 17.06.2014	PAPER-I	GEOLOGY ASTROPHYSICS/PHYSICS/ APPLIED ELECTRONICS } APPL.GEO-CHEMISTRY ASTRONOMY APPL. STATISTICS BOTANY BIOCHEMISTRY BIOTECHNOLOGY CHEMISTRY (Common) ELECTRONICS ENVIRONMENTAL SCI. FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS MATHS/APPL. MATHS/ MATHS WITH COMP. SCI. } MICROBIOLOGY NUTRITION & DIETETICS NANO SCIENCE PHARMACEUTICAL CHEM. STATISTICS ZOOLOGY COMPUTER SCIENCE	Crystallography, Mineralogy and Optical mineralogy Mathematical Physics (New) Mathematical Phy. & Numerical Methods (Old) Essentials of Geology Basic Physics Linear Algebra And Linear Models Biology & Diversity Of Lower Plants-I Chemistry & Metabolism of Protein & Lipids and Porphyrins Chemistry of Bio-Molecules (Non-CBCS-Old) Genetics Inorganic Chemistry Mathematical Physics & Circuits Analysis (Non-CBCS) Environmental Chemistry Criminal Justice Sys. & Forensic Science Geomorphology Genetic Analysis Applied Mathematics Introduction to Geo-informatics Algebra General Microbiology Nutritional Biochemistry Mathematical Physics (Old) Basic of Pharmaceu. Chem. (Old) Mathematical Analysis & Linear Algebra Principles of Taxonomy and Functional Anatomy of Invertebrates Discrete Mathematical Structure
Thursday 19.06.2014	PAPER-II	GEOLOGY ASTROPHYSICS/PHYSICS } APPLIED ELECTRONICS } APPL.GEO-CHEMISTRY ASTRONOMY BOTANY BIOCHEMISTRY BIOTECHNOLOGY CHEMISTRY (Common) ELECTRONICS ENVIRONMENTAL SCI.	Structural Geology & Geo-Techtonics Classical Mechanics - I (New & Old) Fundamental of Geochemistry Mathematical Methods of Physics (New) Bryophyta & Pteridophyta (Living & Fossils) Chemistry Metabolism of Carbohydrates, Nucleic Acids & Vitamins Vitamins & Endocrine Biochemistry (Non-CBCS-Old) Cell Biology Organic Chemistry E M Theory & Transmission on Lines (Non-CBCS) Climatology and Softy management

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DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Thursday 19.06.2014	PAPER-II	FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS MATHS/ APPL. MATHS/ MATHS WITH COMP. SCI. } MICROBIOLOGY NUTRITION & DIETETICS NANO SCIENE PHARMACEUTICAL CHEM. STATISTICS/ APPL.STATISTICS ZOOLOGY COMPUTER SCIENCE	Analytical Chemistry Social and Population Geography Cytogenetics and Bio-Chemistry (CBCS) Cytogenetics (Non-CBCS) Basic Geology Physical & Socio Economic Environment Real Analysis Virology Molecular Biology, Microbial Genetics (Old) Nutrition in Health Quantum Mechanics (Old) Pharmaceutical Inorg. & Analytical Chemistry (Old) Probability Theory Genetics and Bio-Statistics Modern Operating System
Saturday 21.06.2014	PAPER-III	GEOLOGY ASTROPHYSICS/PHYSICS/ } APPLIED ELECTRONICS } APPL.GEO-CHEMISTRY ASTRONOMY BOTANY BIOCHEMISTRY BIOTECHNOLOGY CHEMISTRY (Common) ELECTRONICS ENVIRONMENTAL SCI. FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS MATHEMATICS APPL. MATHEMATICS MATHS WITH COMP. SCI. MICROBIOLOGY NUTRITION & DIETETICS NANO SCIENCE PHARMACEUTICAL CHEM. STATISTICS APPL. STATISTICS ZOOLOGY COMPUTER SCIENCE	Paleontology and Stratigraphy Quantum Mechanics - I (New & Old) Mineral Geochemistry Basic Astronomy Taxonomy of Angiosperms & Medicinal Botany Bio-Analytical Techniques Bioenergetics & Bio-membranes (Non-CBCS-Old) Biochemistry Physical Chemistry Digital System Design (Non-CBCS) Air Pollution & Control Environmental Pollution (Old) Instrumental Methods of Analysis - I Geographical Thought Microbial Genetics (CBCS) Biological Chemistry (Non-CBCS) Electronics and Instrumentation Fundamentals of Remote Sensing Discrete Mathematics (CBCS) Topology (Non-CBCS) Complex Analysis Discrete Mathematics Research Methodology & Techniques (CBCS) Biometry & Computers (Non-CBCS) Principles of Dietetics Physics of Materials (Old) Reagents & Reaction Mechanisms in Pharm.cal. Synthesis (Old) Distribution Theory Distribution Theory & Estimation Physiological Chemistry Microprocessors & Microcontrollers

DAY & DATE	PAPER	SUBJECT	TITLE OF THE PAPER
Tuesday 24.06.2014	PAPER-IV	GEOLOGY ASTROPHYSICS/ PHYSICS/ APPL.ELEC. } APPL.GEO-CHEMISTRY ASTRONOMY BOTANY BIOCHEMISTRY BIOTECHNOLOGY CHEMISTRY (Common) ELECTRONICS ENVIRONMENTAL SCI. FORENSIC SCIENCE GEOGRAPHY GENETICS GEOPHYSICS GEO-INFORMATICS MATHEMATICS APPL. MATHEMATICS MATHS WITH COMP. SCI MICROBIOLOGY NUTRITION & DIETETICS NANO SCIENCE PHARMACEUTICAL CHEM. STATISTICS APPL. STATISTICS ZOOLOGY COMPUTER SCIENCE	Geomorphology & Field Geology C Program.& Numerical Methods (New) Comp. Program. in C & Metlab (Non-CBCS) Solid State Physics-I (CBCS - Old) Geomorphology & Remote Sensing Classical (Celestial) Mechanics (New) Plant Biochemistry Bioenergetics & Cell Biology Bio-Physical & Miscellaneous Methods (Non-CBCS - Old) Microbiology (CBCS) Communication Skills, Basics of Computers, Cyber Crime (Non-CBCS) Analytical Tech. & Spectroscopy-I Mathematics, Biology & Spectroscopy (Non-CBCS) Microwaves & Antenna Systems (Non-CBCS) Environmental, Instrumentation & Analytical Methods Computer Basics & Cyber Crime Regional Geography of India with Special Ref. of A.P. Biometry & Population Genetics (CBCS) Microbial Genetics (Non-CBCS) Physics of the Earth Principles of Cartography Elementary Number Theory Mechanics Operating Systems (CBCS) Computer Organization (Non-CBCS) Bio-Chemistry Human Physiology Basic Electronics (Old) Spectroscopy-I (Old) Theory of Estimation Sampling Theory and Surveys Environmental Biology Software Engineering
Thursday 26.06.2014	PAPER-V	ASTROPHYSICS/PHYSICS/ APPL.ELECTRONICS } ELECTRONICS MATHS/ APPL. MATHS MATHS WITH COMP. SCI. NANO SCIENCE PHARMACEUTICAL CHEM. COMPUTER SCIENCE	Electronics - I (Semi Conductor Electronics) (New & Old) C-Programming and Matlab (Non-CBCS - New) C Language and Data Structures (Non-CBCS-Old) Mathematical Methods Object Oriented Programming through C++ Basic Electronics (Old) Mathematics, Computer Application (Old) Computer Graphics

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**Sd/-
CONTROLLER OF EXAMINATIONS**