

PACE-IIT & MEDICAL

Revised MHTS and AITS Schedule for 2015 Medical aspirants

| Sr. No. | Test Date | Test Day | Test No. | Syllabus | | | |
|--------------------------------------|---------------------------------------------|----------|----------|--------------------------------------------------|--------------------------------------------------------|--------------------------------------------------|--------|
| 1 | 27/3/2015 | Friday | AITS-7 | Physics: | Moving charges & magnetism | XII | |
| | | | | | Magnetism of matter | XII | |
| | | | | | Electromagnetic induction | XII | |
| | | | | | Alternating current | XII | |
| | | | | | Electromagnetic waves | XII | |
| | | | | Chemistry: | Organic chemistry - some basic principles & techniques | XI | |
| | | | | | Organic chemistry - Hydrocarbons | XI | |
| | | | | | Environmental Chemistry | XI | |
| | | | | Botany: | Principles of Inheritance & variation | XII | |
| | | | | | Molecular basis of inheritance | XII | |
| | | | | | Strategies for enhancement in food production | XII | |
| | | | | Zoology: | Reproductive Health | XII | |
| | | | | | Evolution - Theories & Evidences | XII | |
| | | | | | Human Health & Diseases | XII | |
| Ray Optics & Optical instruments | XII | | | | | | |
| 2 | 28/3/2015 | Saturday | AITS-8 | Physics: | Wave optics | XII | |
| | | | | | Dual nature of Radiation & Matter | XII | |
| | | | | | Atoms & Nuclei | XII | |
| | | | | | Semiconductor, communication systems | XII | |
| | | | | | Chemistry: | Haloalkanes & haloarenes | XII |
| | | | | | | Functional group -1 (Alcohols, Phenols & Ethers) | XII |
| | | | | Functional group -2 (Aldehydes, ketones & acid) | | XII | |
| | | | | Functional group -3 (Amines) | | XII | |
| | | | | Biomolecules | | XII | |
| | | | | Polymers | | XII | |
| | | | | Chemistry in everyday life | | XII | |
| | | | | Botany: | Organism & Population | XII | |
| | | | | | Ecosystem | XII | |
| | | | | | Biodiversity & Conservation | XII | |
| | | | | | Environmental issue | XII | |
| | | | | | Microbes in human welfare | XII | |
| | | | | Zoology: | Animal Husbandry | XII | |
| | | | | | Biotechnology : Principles & Processes | XII | |
| | | | | | Biotechnology & its applications | XII | |
| | | | | 3 | 30/3/2015 | Monday | MHTS-7 |
| Magnetic Effects of Electric Current | XII | | | | | | |
| Electromagnetic Induction | XII | | | | | | |
| Chemistry: | Halogen Derivatives of Alkanes and Arenes | XII | | | | | |
| | Alcohols, Phenols and Ethers | XII | | | | | |
| Botany: | Genetic Basis of Inheritance | XII | | | | | |
| | Gene: Its Nature, Expression and Regulation | XII | | | | | |
| | Chromosomal basis of Inheritance | XII | | | | | |
| | Enhancement in Food Production | XII | | | | | |
| Zoology: | Origin and Evolution of Life | XII | | | | | |
| | Human Health and Diseases | XII | | | | | |

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|----------------------------------|------------------------------------------------------------|-----------|-------------------|--------------------------------------------------------------------------------------|-------------------------------------------|-----|
| 4 | 1/4/2015 | Wednesday | MHTS-8 | Physics: | Wave theory of Light | XII |
| | | | | | Interference and Diffraction | XII |
| | | | | | Electrons and Photons | XII |
| | | | | | Atoms, Molecules and Nuclei | XII |
| | | | | | Semi- conductors and communication system | XII |
| | | | | Chemistry: | Aldehydes, Ketones and Carboxylic Acid | XII |
| | | | | | Compounds containing Nitrogen | XII |
| | | | | | Biomolecules | XII |
| | | | | | Polymers | XII |
| | | | | | Chemistry in everyday life | XII |
| | | | | Botany: | Organism and Environment Part 1 | XII |
| | | | | | Organism and Environment Part 2 | XII |
| | | | | | Microbes in Human Welfare | XII |
| | | | | Zoology: | Biotechnology: Process and Application | XII |
| Genetic Engineering and Genomics | XII | | | | | |
| Animal Husbandry | XII | | | | | |
| 5 | 2/4/2015 | Wednesday | MHTS-9 | Physics, Chemistry, Botany and Zoology- Combined syllabus of MHTS-6 to MHTS 8 | | |
| 6 | 4/4/2015 | Saturday | AITS-9 | Physics, Chemistry, Botany and Zoology- Combined syllabus of AITS-6 to AITS 8 | | |
| 7 | 8/4/2015 | Wednesday | MHCET Prelim - 1 | Full Syllabus of XII | | |
| 8 | 9/4/2015 | Thursday | MHCET Prelim - 2 | Full Syllabus of XII | | |
| 9 | 10/4/2015 | Friday | MHCET Prelim - 3 | Full Syllabus of XII | | |
| 10 | 11/4/2015 | Saturday | MHCET Prelim - 4 | Full Syllabus of XII | | |
| 11 | 12/4/2015 | Sunday | MHCET Prelim - 5 | Full Syllabus of XII | | |
| 12 | 14/4/2015 | Tuesday | MHCET Prelim - 6 | Full Syllabus of XII | | |
| 13 | 15/4/2015 | Wednesday | MHCET Prelim - 7 | Full Syllabus of XII | | |
| 14 | 16/4/2015 | Thursday | MHCET Prelim - 8 | Full Syllabus of XII | | |
| 15 | 17/4/2015 | Friday | MHCET Prelim - 9 | Full Syllabus of XII | | |
| 16 | 18/4/2015 | Saturday | AITS-10 | Full Syllabus | | |
| 17 | 20/04/2015 | Sunday | MHCET Prelim - 10 | Full Syllabus of XII | | |
| 18 | 21/4/2015 | Tuesday | MHCET Prelim - 11 | Full Syllabus of XII | | |
| 19 | 22/4/2015 | Wednesday | MHCET Prelim - 12 | Full Syllabus of XII | | |
| 20 | 23/4/2015 | Thursday | MHCET Prelim - 13 | Full Syllabus of XII | | |
| 21 | 24/4/2015 | Friday | MHCET Prelim - 14 | Full Syllabus of XII | | |
| 22 | 25/4/2015 | Saturday | AITS-11 | Full Syllabus | | |
| 23 | 26/4/2015 | Sunday | MHCET Prelim - 15 | Full Syllabus of XII | | |
| 24 | 27/4/2015 | Monday | MHCET Prelim - 16 | Full Syllabus of XII | | |
| 25 | 28/4/2015 | Tuesday | MHCET Prelim - 17 | Full Syllabus of XII | | |
| 26 | On Tues day, 28th April 2015 3 take home papers will | | MHCET Prelim - 18 | Full Syllabus- Take Home for Practise | | |
| 27 | | | MHCET Prelim - 19 | Full Syllabus- Take Home for Practise | | |
| 28 | | | MHCET Prelim - 20 | Full Syllabus- Take Home for Practise | | |
| 29 | 16/05/2015 | Saturday | AITS-12 | Full Syllabus based on AIIMS | | |
| 30 | 23/05/2015 | Saturday | AITS-13 | Full Syllabus based on AIIMS | | |