OFFICIAL SYLLABUS · TICK AS YOU FINISH

The MDCAT syllabus, chapter by chapter.

Main topics from PMDC's uniform MDCAT curriculum. Tick each one when you have studied it and scored well on its chapter test.

Biology · 81 MCQs

- [ ] Acellular life
- [ ] Bioenergetics
- [ ] Biological molecules
- [ ] Cell structure & function
- [ ] Coordination & control
- [ ] Enzymes
- [ ] Evolution
- [ ] Reproduction
- [ ] Support & movement
- [ ] Inheritance
- [ ] Circulation
- [ ] Immunity
- [ ] Respiration
- [ ] Digestion
- [ ] Homeostasis
- [ ] Biotechnology

Physics · 36 MCQs

- [ ] Vectors and equilibrium
- [ ] Force and motion
- [ ] Work and energy
- [ ] Rotational and circular motion
- [ ] Fluid dynamics
- [ ] Waves
- [ ] Thermodynamics
- [ ] Electrostatics
- [ ] Current electricity
- [ ] Electromagnetism
- [ ] Electromagnetic induction
- [ ] Alternating current
- [ ] Electronics
- [ ] Dawn of modern physics
- [ ] Atomic spectra
- [ ] Nuclear physics

Chemistry · 45 MCQs

- [ ] Fundamental concepts of chemistry
- [ ] Atomic structure
- [ ] Gases
- [ ] Liquids
- [ ] Solids
- [ ] Chemical equilibrium
- [ ] Reaction kinetics
- [ ] Thermochemistry & energetics
- [ ] Electrochemistry
- [ ] Chemical bonding
- [ ] s- and p-block elements
- [ ] Transition elements
- [ ] Fundamental principles of organic chemistry
- [ ] Chemistry of hydrocarbons
- [ ] Alkyl halides
- [ ] Alcohols and phenols
- [ ] Aldehydes and ketones
- [ ] Carboxylic acids
- [ ] Macromolecules
- [ ] Industrial chemistry

English · 9 MCQs

- [ ] Reading and thinking skills
- [ ] Formal and lexical aspects of language
- [ ] Writing skills

Logical Reasoning · 9 MCQs

- [ ] Critical thinking
- [ ] Letter and symbol series
- [ ] Logical deductions
- [ ] Logical problems
- [ ] Course of action
- [ ] Cause and effect

Source: PMDC MDCAT Curriculum 2025 (main topic headings). PMDC may revise the curriculum for 2027; check pmdc.pk for the latest version.