LU B.Sc Agriculture Entrance Exam 2027

Detailed Syllabus · Lucknow University · by LUUPDATE

🎯 **LU B.Sc Agriculture Entrance 2027 – Safalta Batch**

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Based on the official University of Lucknow Admission Brochure & notices. Final 2027 notification aane par changes ho sakte hain – confirm on lkouniv.ac.in. Full info: luupdate.com/lu-entrance-2027

Exam Pattern (UGET) — overview

Every programme: **100 MCQ-based questions · 2 marks each (total 200) · 90 minutes · no negative marking** (official UG brochure 2027-28, Sec 6.1). All questions at 10+2 level. The main subjects for each course below are exactly as listed in the official brochure (Sec 6.2); the sub-topics under each are an indicative LUUPDATE study guide.

B.Sc. (Agriculture) Honours — detailed

Official subjects (6.2.4, 10+2 level): same group as Biology — **Chemistry, Botany, Zoology** + **Mental Aptitude** + **Basic Computer Application.** *(No Physics or Maths in the entrance.)*

Chemistry: atomic structure, periodic table, chemical bonding, acids-bases-salts, thermodynamics, equilibrium, redox, electrochemistry, s/p/d-block, organic (hydrocarbons, functional groups, biomolecules, polymers).
Botany: cell structure & division, biomolecules, plant tissues & anatomy, morphology, photosynthesis, respiration, plant growth & hormones, reproduction in flowering plants, genetics, ecology & ecosystem, plant classification.
Zoology: animal tissues, human physiology (digestion, respiration, circulation, excretion, nervous & endocrine, reproduction), health & diseases, immunity, evolution, animal classification.
Mental Aptitude: series, analogy, coding-decoding, blood relations, direction, syllogism, puzzles, number aptitude.
Basic Computer Application: computer fundamentals, hardware/software, MS Office, internet & email, basic terminology.

📚 **LUUPDATE — Detailed Sub-Topics (priority-tagged: HIGH / MEDIUM / LOW):**

Chemistry

[HIGH] Atomic structure & mole concept
[HIGH] Thermodynamics & equilibrium

[MEDIUM] Electrochemistry & kinetics; solutions
[HIGH] Periodic table & periodicity
[HIGH] Chemical bonding
[MEDIUM] s/p/d block; coordination; metallurgy
[MEDIUM] Qualitative analysis
[HIGH] Organic basics & isomerism
[HIGH] Hydrocarbons & functional groups
[MEDIUM] Biomolecules & polymers

Botany
[HIGH] Cell structure & organelles
[HIGH] Cell division (mitosis/meiosis)
[MEDIUM] Plant tissues, morphology & anatomy
[HIGH] Photosynthesis
[HIGH] Respiration in plants
[MEDIUM] Transport in plants; growth & development
[HIGH] Genetics — Mendel & inheritance
[HIGH] Molecular biology — DNA/RNA
[MEDIUM] Plant reproduction
[MEDIUM] Ecology & biodiversity
[MEDIUM] Plant classification

Zoology
[HIGH] Animal tissues
[HIGH] Digestive & respiratory systems
[HIGH] Circulatory & excretory systems
[HIGH] Nervous & endocrine systems
[HIGH] Human reproduction & reproductive health
[HIGH] Genetics & evolution
[MEDIUM] Animal kingdom classification
[MEDIUM] Human health & diseases
[MEDIUM] Biotechnology basics

Mental Aptitude & Computer
[MEDIUM] Reasoning — series, analogy, puzzles
[MEDIUM] Computer fundamentals & internet

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