

UKSEE Exam Pattern

Paper	Subject	No. Of Questions	No. of Marks
Paper - 1	Physics & Chemistry	50 Objective Type Questions With equal weightage to physics and chemistry	50
Paper - 2	Mathematics	50 Objective Type Questions	50
Paper - 3	Biology	50 Objective Type Questions With equal weightage to Botany and Zoology	50
Paper - 4	Aptitude and General awareness test for BHMCT	100 Objective Type Questions	100
Paper - 5	Aptitude test for MCA	100 Objective Type Questions	100
Paper - 6	Aptitude test for the lateral entry of Engineering diploma holders	100 Objective Type Questions	100
Paper - 7	Aptitude test for the lateral entry of pharmacy diploma holders	100 Objective Type Questions	100
Paper - 8	Aptitude test for the lateral entry of B.Sc Degree holders	100 Objective Type Questions	100
Paper - 9	Aptitude test for the lateral entry of in MCA	100 Objective Type Questions	100
Paper - 10	Aptitude Test for MBA	100 Objective Type Questions	100
Paper - 11	Aptitude Test for M.Pharm	100 Objective Type Questions	100
Paper -12	Aptitude Test for M.Tech	100 Objective Type Questions	100

UKSEE Syllabus

Physics

- Measurement
- Motion in one dimension
- Laws of Motion
- Oscillatory Motion
- Wave, Electrostatics

- Current Electricity
- Magnetic Effect of Current
- Magnetism in Matter
- Electromagnetic induction
- Ray, Optics
- Wave Optics

Chemistry

- Atomic Structure
- Chemical Bonding
- Redox Reactions
- Chemical Equilibrium and Kinetics
- Acid- Base Concepts
- Electrochemistry
- Catalysis, Colloids
- Cogitative Properties of Solution
- Periodic Table
- Thermo chemistry
- General Organic Chemistry
- Isomerism
- Polymers
- Carbohydrates
- Solid State and petroleum

Mathematics

- Algebra
- Probability
- Trigonometry
- Co-ordinate Geometry
- Calculus
- Vectors
- Dynamics and Statistics

Zoology

- Origin of Life
- Organic Evolution
- Mechanism of Organic Evolution
- Human Genetics and Eugenics
- Applied Biology
- Mammalian Anatomy
- Animal Physiology
- Protozoa
- Aschelminthes
- Annelida
- Porifera
- Arthropoda
- Coelenterata

Botany

- Plant Cell
- Protoplasm
- Ecology
- Cell Division
- Ecosystem
- Genetics
- Seeds in Angiosperm Plants
- Cell differentiation of Plant tissue
- Nitrogen, Photosynthesis
- Transpiration and Respiration
- Important phylums
- General study of gymnosperms and life history of cycas
- Classification of Angiospermn