

Syllabus for conducting UET-UG for B.Sc. Economics & Data Science

Sections	Total Questions/marks
General English	20
General awareness & GI	20
General Science	20
Basic Mathematics	20
Computer Application	20
	100

GENERAL ENGLISH (i) Tenses (ii) Narration (iii) Fill in the blanks with Phrases, Pronouns, (iv) Synonyms and antonyms (v) Pairs of words and their use in meaningful sentences. (vi) Rearranging of jumbled sentences. (vii) Idioms and phrases. (viii) Uses of Prepositions. (ix) Active & Passive Voice (x) Sentence Correction (xi) Spellings Correction.

General Awareness and General Intelligence & reasoning: (i) Current events of national and international importance (ii) Modern history of India and Indian national movement (iii) Indian Geography – Physical, Social and economic.

Logical Reasoning and analytical Ability – (i) Verbal and Non-Verbal (Analogies, Similarities, Differences, space visualization, visual memory, discrimination, observation, relationship, concepts, verbal and figure classification, arithmetical number series), (ii) Decision making and Problem Solving (iii) General Mental ability.

GENERAL SCIENCE (i) Various sources of energy; conventional/non-conventional sources of energy (ii) Physical properties of metals and non-metals. (iii) Chemical properties of metals like action of water, air, acids, salts; Reactivity series of metals. (iv) Life processes: Nutrition and its types, Respiration, Transportation of water, food and minerals in plants, Excretion with reference to plants and animals. (v) Environmental pollution. (vi) Ecosystem – Its components, Food chains and Food webs.

MATHEMATICS

(i) Real numbers (ii) Algebra (Polynomials, Linear equations, quadratic equations, Arithmetic progression, coordinate geometry, Geometry) (iii) Trigonometry (Introduction, height & distance) (iv) Mensuration (area & volume) (v) Statistics and Probability.

COMPUTER APPLICATIONS (i) Fundamentals of computer sciences (ii) Hardware & Software (iii) Input and output devices (iv) Operating systems (v) M.S Word, M.S Excel, M.S Access and Power point Presentation (vi) E-mail & Internet.