

Proposed Content Weightages for the Post of Lecturer
University of Layyah

S. No.	Title	Criteria and Subject Division	Subject % Weight
1-	Chemistry Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Inorganic/ Analytical Chemistry	20
		Applied /Environmental Chemistry	10
		Organic / Biochemistry	20
		Physical Chemistry	20
2-	Physics Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Classical Mechanics	05
		Quantum Mechanics	05
		Waves & Oscillation	05
		Thermodynamics & Statistical Mechanics	05
		Electromagnetic Theory	10
		Electronics	10
		Mathematical Methods of Physics	05
		Nuclear Physics	05
		Computational Physics	05
		Solid State Physics	05
		Digital Electronics	05
		Atomic & Molecular Physics	05
3-	Agronomy Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Principles of Agronomy	10
		Seed Sowing Techniques	10
		Tillage and Crop Establishments	10
		Soil Fertility and Nutrient Management	10
		Water Management and Cropping System	10
		Weed Management	10
		Precision Farming and Climate Change	10
4-	Entomology Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Introduction to Entomology	10
		Insect Morphology and Anatomy	10
		Insect Taxonomy and Systematics	10
		Insect Physiology	07
		Insect Ecology	07

		Insect Behavior and Communication	06
		Pest Management and Entomological Applications	05
		Medical and Forensic Entomology	05
		Insect Evolution and Adaptation	05
		Research Methods in Entomology	05
5-	Applied Psychology Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Experimental Psychology	10
		Social Psychology	08
		Personality Theories	04
		Mental Health and Psychopathology	05
		Clinical Psychology	05
		Developmental Psychology	05
		Research Methods and Statistics	15
		Psychological Testing	08
		Neurological Bases of Behavior	05
		Industrial and Organizational Psychology	05
6-	Economic Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Micro-Economics & Macro-Economics	10
		Econometrics	10
		International Trade Theory and Finance	10
		Development Economics Theory and Policy	10
		Quantitative Economics	05
		Monitory Theory and Policy	05
		Fiscal Policy/Public Finance	05
		Islamic Economics	05
		Environmental Economics	05
		Public Policy & Governance	05
7-	Sociology Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Social Groups, Deviance and Social Control	10
		Social Structure	10
		Culture and Related Concepts	10
		Socialization and Personality	10
		Social Stratification	05
		Social Change	05
		Collective Behavior	05
		Social Issues in Pakistan	05
		Social Research	10
8-	Computer Science Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20

		Programming Fundamentals	10
		Object Oriented Paradigm	05
		Data Structures and Algorithms	05
		Database Systems	05
		Software Engineering & Development	10
		Computer Communication and Networks	10
		Computer Architecture & Assembly Language	10
		Artificial Intelligence	05
		System Programming	05
		Operating Systems	05
9-	Information Technology Lecturer BS-18	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Database Management Systems	30
		Network Administration	20
		Computer Programming	10
		Cybersecurity	05
		Web Development	05

Proposed Content Weightages for the Post of Assistant Professor **University of Layyah**

S. No.	Title	Criteria and Subject Division	Subject % Weight
1-	Botany Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Algae & Fungi	10
		Bryophytes and Pteridophytes	10
		Gymnosperms	05
		Angiosperms	05
		Taxonomy	05
		Anatomy & Morphology	07
		Physiology	07
		Ecology	06
		Cytology & Genetics	05
		Plants & Environment	05
		Plant Conservation	05
2-	Chemistry Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Inorganic/ Analytical Chemistry	20
		Applied /Environmental Chemistry	10
		Organic / Biochemistry	20
		Physical Chemistry	20
3-	Mathematics Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Foundation of Mathematics	10
		Calculus	10
		Algebra	05
		Complex Analysis	04
		Differential Equation	07
		Analytical Geometry	03
		Vectors	05
		Number Theory	05
		Real Analysis	04
		Functional Analysis	04
		Computational Mathematics	05
		Mechanics	04
		Mathematical Statistics & Probability	04
4-	Physics Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Classical Mechanics	05

		Quantum Mechanics	05
		Waves & Oscillation	05
		Thermodynamics & Statistical Mechanics	05
		Electromagnetic Theory	10
		Electronics	10
		Mathematical Methods of Physics	05
		Nuclear Physics	05
		Computational Physics	05
		Solid State Physics	05
		Digital Electronics	05
		Atomic & Molecular Physics	05
5-	Zoology Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Invertebrates	07
		Chordates	07
		Cell Biology	07
		Molecular Biology	07
		Development Biology	07
		Animal Physiology	07
		Biochemistry	07
		Genetics	07
		Ecology	07
		Evolution & Paleontology	03
		Taxonomy & Zoogeography & WildLife	04
6-	Agronomy Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Principles of Agronomy	10
		Seed Sowing Techniques	10
		Tillage and Crop Establishments	10
		Soil Fertility and Nutrient Management	10
		Water Management and Cropping System	10
		Weed Management	10
		Precision Farming and Climate Change	10
7-	Islamic Studies Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Quran and its Sciences	10
		Hadith and its Science	10
		Fiqh and Usool-al-Fiqh	10
		Comparative Study of Religions	10
		Islamic History	07
		Islamic Economics	05

		Islam And Science	05
		Islam and Modern Political Thoughts	05
		Islam and Modern Social Thoughts	05
		Research Methodology	03
8-	Sociology Assistant Professor BS-19	As per the advertisement	100 MCQs
		Verbal Reasoning	10
		Analytical Reasoning	20
		Social Groups, Deviance and Social Control	10
		Social Structure	10
		Culture and Related Concepts	10
		Socialization and Personality	10
		Social Stratification	05
		Social Change	05
		Collective Behavior	05
		Social Issues in Pakistan	05
		Social Research	10