Approved Content Weightages for the Post of Lecturer Emerson University Multan

S. No.	Title	Criteria and Subject Division	Subject % Weight
01-	**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
02-	**English Linguistics Lecturer (BS-18)**	**As per the advertisement**	**100 MCQs**
		Verbal Reasoning	10
		Analytical Reasoning	20
		Phonetics and Phonology	10
		Morphology	10
		Syntax	10
		Discourse	10
		Sociolinguistics	10
		Psycholinguistic	10
		Semantics and Pragmatics	10
03-	**English Literature Lecturer (BS-18)**	**As per the advertisement**	**100 MCQs**
		Verbal Reasoning	10
		Analytical Reasoning	20
		Literary Terms & Literary Devices	20
		Poetry/ Poets	10
		Drama/Dramatists	10
		Novel/Novelists	10
		Short fiction	05
		Non-fiction prose	05
		Literary theory	10

04-	**Mathematics Lecturer (BS-18)**	**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
		Analytic Geometry	03
		Vectors	05
		Number Theory	05
		Real Analysis	04
		Functional Analysis	04
		Computational Mathematics	05
		Mechanics	04
		Mathematical Statistics & Probability	04
05-	**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
06-	**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

07-	**Software Engineering Lecturer (BS-18)**	**As per the advertisement**	**100 MCQs**
		Verbal Reasoning	10
		Analytical Reasoning	20
		Software Development Methodologies	20
		Object-Oriented Programming and Design	20
		Software Testing and Quality Assurance	10
		Software Architecture and Design Patterns	10
		Project Management and Software Development Lifecycle	10
08-	**Environmental Sciences (BS-18)**	**As per the advertisement**	**100 MCQs**
		Verbal Reasoning	10
		Analytical Reasoning	20
		Applied Ecology	10
		Environmental Pollution & Toxicology	10
		Environmental Microbiology and Biotechnology	10
		Natural Resource Management, Biodiversity and Conservation	05
		Environmental Monitoring and Analytical Techniques	05
		Climatology and Climate Changes	05
		Environmental Chemistry and Physics	05
		Health and Environment	05
		Environmental Impact Assessment, GIS & Remote Sensing	10
		Pollution Control Technologies	05
09-	**Artificial Intelligence Lecturer BPS-18**	**As per the advertisement**	**100 MCQs**
		Verbal Reasoning	10
		Analytical Reasoning	20
		Machine Learning Fundamentals	20
		Neural Networks and Deep Learning	20
		Natural Language Processing (NLP)	10
		AI in Industry Applications	10
		Reinforcement Learning	10