

BALUCHISTAN PUBLIC SERVICE COMMISSION
(Secrecy Wing)

Syllabi for Written Evaluation Test Relating to Posts of Lecturer (B-17) Advertised under Consolidated Advertisement No. 10/2019

Qualifications:	Second Class Master's Degree or equivalent qualification in the relevant subject.
Test Specification:	Part-I Objective Type Test =20 marks Part-II Subjective Type Test = 80 marks

S. No.	Particular of Post(s)	Topics of Syllabi
1	Lecturer (B-17), (Male/Female) A) English B) Urdu C) Physics D) Chemistry E) Biochemistry F) Zoology G) Botany H) Mathematics I) Political Science J) Psychology K) Sociology L) Geography M) Computer Science N) Environmental Sciences O) Media Studies P) Islamiat Q) Pakistan Studies R) Economics S) Statistics T) History U) Microbiology V) Education W) Philosophy X) English-Linguistics Colleges, Higher & Technical Education Department	<p>For (A) ENGLISH-LITERATURE (Masters and BS Level)</p> <p>Part-I (20 Marks) Objective Type Questions covering the complete course.</p> <p>Part-II (80 Marks) (Section-A 40 Marks)</p> <ul style="list-style-type: none"> • History of English Literature, Medieval to 21st century • Literary Genres and Forms • Classical/Romantic Poetry • Renaissance/Elizabethan Drama • 20th Century Literature <ul style="list-style-type: none"> ○ T. S. Eliot: The Hollow Men, The Waste Land, The Love Song of J. Alfred Prufrock ○ W.B. Yeats: Among School Children ○ Ted Hughes: That Morning ○ Shaw, G. B. : Man and Superman (1905) ○ E.M. Forster: A Passage to India (1924) ○ James Joyce: A Portrait of the Artist as a Young Man (1916) ○ William Golding: Lord of the Flies (1954) ○ Sean O' Casey: Juno and the Paycock ○ T. S. Eliot: Murder in the Cathedral <p>(Section-B 40 Marks)</p> <ul style="list-style-type: none"> • Essay • Precis • Sentence Correction/Narration • Active/Passive Voice & Prepositions <p>For (B) URDU (Masters and BS Level)</p> <p>Part-I Objective Type Questions covering the complete course.</p> <p>Part-II</p> <ul style="list-style-type: none"> • اردو زبان آغاز و ارتقاء، لسانیات، قواعد، لغت نویسی۔ <ul style="list-style-type: none"> ○ اردو زبان کی تشکیل و ارتقا اور تحریکیں ○ بلوچستان میں اردو زبان و ادب کی روایت ○ قواعد و املا، لغت نویسی کا فن اور اردو میں لغت نویسی کی روایت • تحقیق و تدوین، تنقید <ul style="list-style-type: none"> ○ اردو میں اصول تحقیق و تدوین ○ اصلاحات تحقیق و تدوین ○ بلوچستان میں اردو تحقیق کی روایت ○ [قلم قبیلہ، تنقیدی اور تحقیقی مجلہ نمبر ۱، ۲۰۰۶، بلوچستان میں اردو ادب اور زبان از ڈاکٹر فاروق] ○ مغربی اور مشرقی تنقید ○ اردو کی شاعری روایت ○ اردو شاعری کی روایت اور مباحث ○ شعری اصناف تعارف اور تفہیم

- اردو کی نثری روایت
 - اردو نثر کی روایت اور مباحث
 - نثری اصناف تعارف اور تفہیم
- [تاریخ ادب اردو از ڈاکٹر جمیل جالبی جلد اول تا چہارم]
- بیان، بدیع، عروض، نصاب میں تجویز کردہ کتب کا جائزہ
 - علم بیان، بلم بدیع، علم عروض
 - تحریر و انشا اور ادبی اصطلاحات
 - نصاب میں تجویز کردہ کتب کا جائزہ

For (C) PHYSICS (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Mechanics
- Electromagnetic Theory
- Basic & Digital Electronics
- Solid State Physics
- Thermodynamics and Statistical Physics
- Quantum Mechanics
- Nuclear Physics
- Atomic and Molecular Physics
- Modern Physics

Medium

English

For (D) CHEMISTRY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Biochemistry
- Analytical Chemistry
- Industrial chemistry
- Environmental Chemistry

Medium

English

For (E) BIOCHEMISTRY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Chemistry of Biomolecules
- (Carbohydrates, Proteins, Lipids and nucleic acids) and Vitamins.
- Metabolism and Enzymology
- Molecular biology and Endocrinology
- Biotechnology and Bio-Chemical Techniques
- Immunology and Microbiology

Medium

English

For (F) ZOOLOGY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Vertebrate
- Genetics
- Biotechnology
- Embryology
- Invertebrate
- Wildlife
- Ecology
- Zoogeography
- Planetology
- Biochemistry
- Molecular Biology/Cytology

Medium

English

For (G) BOTANY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Diversity of Plants
- Plant Systematic, Anatomy, Embryology
- Cell biology, Genetics and Evolution
- Plant Physiology and Ecology, Environment Biology
- Plant Biochemistry
- Molecular Biology

Medium

English

For (H) MATHEMATICS (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Real Analysis I & II
- Topology & Functional Analysis
- Linear Algebra & Group Theory
- Ordinary & Partial Differential Equations
- Dynamics & Vector Analysis
- Differential Geometry & Tensor Analysis
- Numerical & Complex Analysis

Medium

English

For (I) POLITICAL SCIENCE (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Western Political Thought
- Muslim Political Thought
- Dynamics of Politics
- Political Ideologies
- Comparative study of constitutions of UK, USA, China, Turkey, Iran
- The Political System of Pakistan

- International Politics Post-World War-II
- International Law
- Genesis of Pakistan (1940-1947)
- Foreign policy of Pakistan (Towards Neighbouring Countries)

Medium

English/Urdu

For (J) PSYCHOLOGY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Historical Background and School of Thoughts in Psychology/ Scope & Applied Areas of Psychology/Biological basis of Behaviour.
- Social & Advanced Social Psychology
- Abnormal Psychology/ Mental Health/ Psychopathology/ Ethical issues in Psychology.
- Research and Research Methodology.
- Statistics/ Applied Statistics and Its Application in Research.
- Experimental Psychology/Cognitive Psychology/Developmental Psychology/Neuro Psychology.
- Clinical Psychology.
- Industrial and Organizational Psychology.
- Psychological Testing/ Psychometrics/Application of Psychological Tests.
- Counselling Psychology.

Medium

English/Urdu

For (K) SOCIOLOGY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Principle of Sociology
- Social Research Methodology
- Sociological Theory and Implementation
- Criminology
- Anthropology
- Demography & Population
- Sociology of Family & Marriage
- Gender Studies
- Community Development

Medium

English/Urdu

For (L) GEOGRAPHY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Geomorphology
- Climatology
- Oceanography
- Environmental Geography
- Geography of Disaster
- Cartography
- Regional Geography
- Human Geography
- Economics Geography

- Pakistan Geography

Medium

English/Urdu

For (M) COMPUTER SCIENCE (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Programming Fundamentals
- Discrete Structures
- Object Oriented Programming
- Data Structures & Algorithms
- Database Systems
- Operating Systems
- Software Engineering
- Computer Networks
- Information Security

Medium

English

For (N) ENVIRONMENTAL SCIENCES (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Environmental Impact Assessment
- GIS and Remote Sensing
- Research Methods in Environmental Sciences
- Environmental Law and Policy
- Pollution Control Technologies
- Health and Environment
- Environmental Pollution & Toxicology
- Environmental Microbiology
- Environmental Profiles of Pakistan
- Climatology and Climate Changes
- Natural Resource Management
- Environmental Monitoring and Analytical Techniques
- Environmental Chemistry and Physics
- Biodiversity and Conservation

Medium

English

For (O) MEDIA STUDIES (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- History and Development of journalism in sub-continent and rise of Muslim press
- Revolutionary journalism and History of journalism in Pakistan
- Media laws in Pakistan, Government press relations
- Growth & expansion of Radio and Television in Pakistan.
- History of press in Balochistan
- Globalization, Media, Mass Media, Global Media, Media Giants.
- Theories of Mass communication
- Editorial, column and feature writing
- News and Reporting. Writing for different mediums
- Qualities of Good radio and TV journalist.
- Online journalism: Emergence, scope, ethics, Impact and credibility.

- Communication and social change, Communication and diffusion.
- Advocacy and DSC campaign.
- Public Relations, Advertising, Publicity and Propaganda.
- Magazine Editor, Qualities and Functions.
- Research: types of research, variables, hypothesis, sampling, ethics etc.

Medium

English/Urdu

For (P) ISLAMIAT (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Quranic Study (Basic Concepts, History and Uloom-ul-Quran)
- Sunnah (Basic Concepts, History, Kinds of Hadith & Uloom-ul-Hadith)
- Seerat Part-I (Life of Holy Prophet (S.A.W) in Makkah, Important Lessons derived from the life of Holy Prophet (S.A-W) in Makkah)
- Seerat Part-II (Life of Holy Prophet (S.A.W) in Madina, Important life events of the life of Holy Prophet (S.A.W) in Madina)
- Islamic History (Khlaifa-e-Rashida, Ummayyads and Social, Political, Economic System of Islam)
- Islamic Law & Jurisprudence (Basic Concepts, History & Importance, and Sources)
- Intro to World Religions (Hinduism, Buddhism, Judaism and Christianity)
- Islamic Morals and Culture (Intro & kinds of Morals, Basic Concepts and Characteristics of Islamic Culture and Civilization)

Medium

English/Urdu

For (Q) PAKISTAN STUDIES (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Government and Politics
- Society and Culture of Pakistan
- Economy of Pakistan
- Pakistan's Foreign Policy
- Social Change and Development in Pakistan
- Muslim Rule in Subcontinent (712 –1857)
- Muslims Struggle for Pakistan (1857-1947)
- Political History of Pakistan (1947-to date)
- Constitutional Development
- Geography of Pakistan
- Pakistani Languages and Literature
- Ancient Civilizations: Mehargarh, Indus and Gandhara Civilizations

Medium

English/Urdu

For (R) ECONOMICS (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Microeconomics
- Macroeconomics
- Statistical & Mathematical Economics
- Monetary Theory and Fiscal Policy
- Economic Planning and Economic Development
- Agriculture and Pakistan Economics

Medium

English/Urdu

For (S) STATISTICS (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Presentation of Data
- Measures of Central Tendency and Dispersion
- Index Numbers
- Probability and Probability Distributions
- Sampling Methods and Techniques
- Regression & Correlation Analysis and Econometrics
- Statistical Inference (Estimation and Hypothesis Testing)
- Design and Analysis of Experiments
- Nonparametric Methods
- Vital Statistics

Medium

English

For (T) HISTORY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Historiography
- History of Islam (570-750 A.D)
- History of Muslims Rule in India (712-1857 A.D)
- Freedom Movement in Subcontinent 1857-1947(A.D)
- History of Pakistan (1947- up to date)
- History of Europe (1789-1945 A.D)
- History of Abbasids (750-1258 A.D)
- Muslims Rule in Spain (755-1492 A.D)
- History of Balochistan (1666-1947)
- Philosophy of History

Medium

English/Urdu

For (U) MICROBIOLOGY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Fundamentals of microbiology.
- Differentiation between prokaryotic and eukaryotic cells.
- Bacterial morphology and anatomy. Bacterial classification, growth, nutrition and reproduction.
- General methods of microorganism cultivation, isolation, purification and characterization.
- Control of microorganisms by physical and chemical methods.

- Chemotherapeutic agents and antibiotics.
- General properties of viruses, fungi, protozoa and algae.
- Genetical intermixing of bacteria including transformation, transduction and conjugation.
- Food and dairy microbiology and methods of food preservation.
- Microbiology of soil and microbiology of air.
- Host-parasite interactions with determination of pathogenicity and molecular mechanisms of pathogenesis.
- Study of microbial infections including bacteria, viruses, protozoan and mycotic infections.
- Bacteriocins and probiotics.

Medium

English

For (V) EDUCATION (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

- Foundation Education Medium
 - Philosophical foundation, Contemporary educational theories, Psychological foundation, Psychology and education, Sociological foundation
- Curriculum Development
 - Nature of Curriculum, Foundations of Curriculum, Models of the Curriculum, Curriculum organization, Evaluation of Curriculum Program
- Guidance and Counselling
 - Introduction, Organization and Conduct of Guidance, Evaluation of Guidance Program, Trends and Issues in Guidance, Introduction, Organization and Conduct of Counselling, Different Types of Counselling
- Measurement and Evaluation in Education
 - Introduction to measurement and evaluation, The Evaluation Process, Constructing Classroom Test, Types of Tests, Improving Instruction Through Test, Marking and Reporting, Current Trends and Issues
- Educational Administration and Supervision
 - Concepts, types and Process of Administration, Concepts, types and Process of Supervision, Principles of Modern supervision, Educational Planning and Management, Theories in Educational Administration
 - Getzels & Guba: Theory of Role & Personality
 - Ralph Stogdil: Theory of Group Achievement Input-Output
- Modern Instructional Strategies
 - Cooperative Learning, Small Group Instruction, Peer Teaching, Direct Instruction Discovery Learning, Students Projects, Mastery Learning, Role Playing and Simulation, Field trips, Individualized Instruction, Questioning, Effective use of Blackboard, Audio Visual Materials in Instruction
- Planning of Lesson

Medium

English/Urdu

For (W) PHILOSOPHY (Masters and BS Level)

Part-I

Objective Type Questions covering the complete course.

Part-II

		<ul style="list-style-type: none"> • Greek Philosophy • Medieval Western Philosophy • Medieval Muslim Philosophy • Modern Western Philosophy • Modern Muslim Philosophy • Contemporary Philosophy • Logic • Ethics • Metaphysic <p>Medium English/Urdu</p>
		<p>For (X) ENGLISH-LINGUISTICS (Masters and BS Level)</p> <p>Part-I (20 Marks) Objective Type Questions covering the complete course.</p> <p>Part-II (Section-A 40 Marks)</p> <ul style="list-style-type: none"> • Phonetics and Phonology • Morphology • Syntax • Semantics • Pragmatics • Discourse • Sociolinguistics • Psycholinguistics • Part-III (40 Marks) <p>(Section-B 40 Marks)</p> <ul style="list-style-type: none"> • Essay • Precis • Sentence Correction/Narration • Active/Passive Voice & Prepositions
2	<p>Lecturer (B-17), (Female) A) Home Economics</p> <p>Colleges, Higher & Technical Education Department</p>	<p>For (A) HOME ECONOMICS (Masters and BS Level)</p> <p>Part-I Objective Type Questions covering the complete course.</p> <p>Part-II</p> <ul style="list-style-type: none"> • Introduction to Home Economics. • Introduction to Arts & Design (I & II). • Clothing & Consumer Education. • Advance Clothing. • Life Span Development. • Family and Community Development. • Home Management & Housing (I & II). • Fundamentals of Food & Nutrition. • Meal Management. • Childhood Care and Development. <p>Medium English/Urdu</p>