



BALUCHISTAN PUBLIC SERVICE COMMISSION

(Examination Branch)
Samungli Road, Quetta Cantt.

Dated: 20th May, 2026.

PRESS RELEASE

No.BPSC/Exam/Syllabus/8/2026/ 529-534. It is hereby notified for information of the concerned candidates that detailed syllabi for the following posts in the Health Department and Colleges Higher & Technical Education Department (Technical Wing, Men's Section) have been uploaded and available on the official website of the Balochistan Public Service Commission (www.bpsc.gov.pk).

S.No	Name of Posts	Mode of Exam
1.	Senior Lecturer (B-18) (Chemical Pathology) in the Bolan Medical College (Health Department).	MCQs
2.	Senior Lecturer (B-18) (Microbiology) in the Bolan Medical College (Health Department).	MCQs
3.	Senior Registrar (B-18) (Eye Surgery) (Main Clinical Subjects) in the Trauma Centre & Emergency (Health Department)	MCQs
4.	Senior Registrar (B-18) (ICU Intensivist) (Clinical Sub-Specialties) in the Trauma Centre & Emergency (Health Department)	MCQs
5.	Lecturer Technical (B-17) (Electrical) in Technical Wing (Men's Section) in the Colleges Higher & Technical Education Department	MCQs

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Syllabus for the post of Senior Lecturer Chemical Pathology (B-18) in Bolan Medical College, Health Department

Mode of Exam MCQs

Course contents

1. Basic Laboratory Principles
2. Basic Molecular Pathology and Genomics
3. Pathophysiology
4. Analytical techniques & Instrumentation
5. Laboratory Techniques in Molecular Diagnostics
6. Instrument handling: Labs
7. Clinical Endocrinology
8. Basic Medical Genetics
9. Data Interpretation
10. Molecular Pathology of Mitochondrial Disease
11. Quality Management
12. Metabolism and disease
13. SPSS Data Analysis
14. Advanced Topics in Molecular Biology & Cellular Signalling
15. Medical Genetics and Pediatric clinical chemistry
16. Toxicology and therapeutic drug monitoring
17. Advanced Analytical techniques Automation and POCT
18. Advanced Biochemical Assay methods-Lab
19. Current Advances in Molecular Biology and Molecular diagnostics
20. Laboratory Management and Quality Assurance
21. Literature search/Medical synopsis writing

RECOMMENDED BOOKS AND JOURNALS

- Tietz Textbook of Clinical Chemistry and Molecular Diagnostics Burtis CA, Ashwood EA, Bruns DE, eds., 4th ed. St. Louis, MO: Saunders, 2006.
- Clinical Chemistry: Theory, Analysis, Correlation, 4th ed. Kaplan LA, Pesce A, Kazmierczak S, eds St. Louis, MO: Mosby, 2003.
- Clinical Chemistry: Laboratory Management and clinical correlations. SKent Lewandrowskieds. New York. Lippincott Williams & Wilkins.2005.
- William J Marshall and Stephen K Bangert Fifth Edition. Clinical Chemistry 2004.
- National Academy of Clinical Biochemistry. NACB Laboratory Practice Guidelines.

<http://www.nacb.org/lmpg/main.stm>.

- Annals of Clinical Chemistry
- Clinical chemistry and Molecular genetics
- Journal of Endocrinology and Metabolism.



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**Syllabus for the Post of Senior Lecturer Microbiology
(B-18) (Basic Medical Subjects) in Bolan Medical College,
Health Department.**

Mode of Exam: MCQs

- 1. General Bacteriology**
- 2. Microbial Genetics**
- 3. Systematic Bacteriology**
- 4. Immunology**
- 5. Virology**
- 6. Parasitology**
- 7. Mycology**
- 8. Molecular Biology**
- 9. Environmental Biology**
- 10. Food Microbiology**
- 11. Clinical Microbiology**
- 12. Biosafety and Biosecurity in Labs**
- 13. Recent Advances in Microbiology**
- 14. Infection Prevention and Control**

Recommended Books

- Bailey & Scott's Diagnostic Microbiology
- Koneman's Color Atlas and Textbook of Diagnostic Microbiology
- Review of Medical Microbiology and Immunology by Warren Levinson
- Sherris Medical Microbiology
- Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases



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Syllabus for the Post of Senior Registrar (B-18) Eye Surgery (Main Clinical Subjects) in Trauma Centre and Emergency, Health Department.

Mode of Exam: MCQs

Course contents: The syllabus for the Post of Senior Registrar (B-18) Eye Surgery (Main Clinical Subjects) in Trauma Centre and Emergency, Health Department is based on the course of MS Ophthalmology with details of following topics.

- 01. Diseases of the Eye**
- 02. Posterior Segment Diseases**
- 03. Diseases of the Orbit**
- 04. Oculoplastics**
- 05 Ocular Anaesthesia & Surgeries**
- 06. Ocular Diagnostic & Operative Instrument**
- 07. Ocular Manifestations of Systemic Diseases**
- 08. Neuro-ophthalmology**
- 09. Ocular Therapeutics & Toxicity Ocular Emergency & Trauma Pediatric Ophthalmology Community Ophthalmology Management of common eye disorders**

Recommended Books

- Kanski's Clinical Ophthalmology for clinical diagnosis and Parson's Diseases of the Eye
- Comprehensive Ophthalmology by AK Khurana.
- Review of Ophthalmology by William Trattler
- Optics Made Easy by Pakistani author Dr. Zubaida
- Adler's Physiology of the Eye, The Wills Eye Manual
- *Clinical Methods in Ophthalmology* by Dadapeer K



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Syllabus for the Post of Senior Registrar (B-18) ICU Intensivist (Clinical Sub-Specialties) in Trauma Centre & Emergency, Health Department.

Mode of Exam: MCQs

The Syllabus of Senior Registrar (B-18) ICU Intensivist is based on the course for Doctor in Critical Care Medicine with details of the following topics.

1. Respiration
2. Circulation
3. Renal and Endocrine Disturbance
4. Neurology
5. Gastroenterology and Nutrition
6. Infectious Diseases and Hematological Diseases
7. Toxicology
8. Surgical Problems in ICU and Trauma

Recommended Books

- *Critical Care by Civetta, Taylor, and Kirby*
- *Intensive Care Medicine by Irwin and Rippe*
- *The ICU Book by Paul Maurino*
- *Oh's Intensive Care Manual by Andrew Bersten, Jonathan Handy*
- *Oxford Textbook of Critical Care* 6) *The Washington Manual of Critical Care*



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**Syllabus for the Post of Lecturer Technical (B-17)
(Electrical) In the Technical Wing (Men's Section) Colleges,
Higher and Technical Education Department.**

Mode of Exam: MCQs

Course contents

1. Linear Circuit Analysis
2. Applications of ICT
3. Engineering Drawing
4. Applied Physics
5. Electrical Workshop Practice
6. Electronic Devices and Circuits
7. Complex Variables and Transforms
8. Digital Logic Design
9. Electrical Network Analysis
10. Linear Algebra
11. Electromagnetic Field Theory
12. Electrical Machines
13. Microprocessor and Interfacing
14. Communication System
15. Civics and Community Engagement
16. Linear Control System
17. Power Distribution and Utilization
18. Project Management
19. Digital Signal Processing
20. Power Electronics
21. Flexible Engg/Non Engg
22. Entrepreneurship
23. Computer Communication Networks

Recommended Books

- Engineering Circuit Analysis by W. H. Hayt & J. E. Kemmerly 7th Edition
- "Discovering Computers" by Vernmaat, Shaffer, and Freund.
- A. C. Parkinson, "First Year Engineering Drawing".
- Physics, By: Halliday, Resnick & Krane, Edition: 10th Edition.
- Umesh Rathore and Naresh Kumar Sharma, "A Textbook of Electrical Workshop Practices", S.K. Kataria & Sons, 1st Ed. 2019
- Electronic Devices and Circuits by Theodore F. Bogart, Jr.
- Complex Variables and Applications by Churchill, Latest Edition
- Morris Mano and Charles R. Kime, "Logic and Computer Design Fundamentals", Prentice Hall. Latest Edition
- Engineering Circuit Analysis by W. H. Hayt & J. E. Kemmerly
- Introductory Linear Algebra: By Bernard Kolman and David R. Hill, Latest Edition.
- J. D. Kraus and Carver, "Electromagnetics", McGraw Hill
- Electric Machinery Fundamental, Latest Edition, Stephen J. Chapman, McGraw-Hill International
- Embedded Systems: Introduction to Arm® Cortex TM -M Microcontrollers (Volume 1), by Jonathan W. Valvano, 5 th Edition, CreateSpace Independent Publishing Platform, 2012
- B.P. Lathi, Zhi Ding "Modern Digital and Analog Communication Systems", Oxford University Press, Fourth Edition, 2010
- "Civics Today: Citizenship, Economics, & You" by McGraw-Hill Education.
- Norman S. Nise, Control Systems Engineering, 6th Ed. 2016.
- Principle of Power System by V.K Mehta, Latest Edition.
- Project Management: A system Approach to Planning, Scheduling and Controlling 11th Edition, Harold Kerzner