



BALUCHISTAN PUBLIC SERVICE COMMISSION

(Examination Branch)
Samungli Road, Quetta Cantt.

Dated: 08th July, 2026.

PRESS RELEASE

No.BPSC/Exam/Syllabus/8/2026/ 607-611. It is hereby notified for information of the concerned candidates that detailed syllabi for the following posts in the departments mentioned against each have been uploaded and available on the official website of the Balochistan Public Service Commission (www.bpsc.gob.pk).

S.No	Name of Posts	Mode of Exam
1.	Assistant Professor (B-18)/Senior Registrar (B-18)/ Senior Lecturer (B-18) Neonatology in the Health Department	MCQs
2.	Junior Inspector of Mines (B-17) / Mines Rescue Instructor (B-17) in Mines & Minerals Development Department	MCQs
3.	Lecturer Journalism / Media Studies (B-17) in the Collegiate Branch of Colleges, Higher & Technical Education Department.	MCQs

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BALUCHISTAN PUBLIC SERVICE COMMISSION

Samungli Road, Quetta Cantt.
(Research Branch)

Syllabus for the Post of **Assistant Professor(B-18)/ Senior Registrar(B-18)/ Senior Lecturer(B-18) Neonatology** in the Health Department.

Mode of Exam: MCQs

Course Contents

1. Normal Newborn Physiology and Principles of Care
2. Triage of the Sick Neonate
3. Complications and Management of Prematurity/Low Birth Weight
4. Lung Mechanics in Diseased States and Ventilation Strategies
5. Introduction to Surfactant Therapy
6. Hemodynamic Assessment and Care of the Sick Neonate
7. Drug prescription and stewardship in the Neonatal ICU/Nursery
8. Delivery Room Care of Sick Newborns/Perinatology Rotation
9. Invasive versus Noninvasive Ventilation Strategies in the Neonate
10. Congenital Heart Disease and Clinical Implications
11. Diagnosis and Management of Neonatal Infections
12. Pediatrics and Continuum of Clinical Care/Pediatric Medicine Rotation
13. Pre- and Post-operative Care of the Neonate/Pediatric Surgery Rotation
14. Interpretation of Laboratory Data and Clinical Evidence
15. Bedside Neonatal Procedures: Indications and Methodology
16. Ventilation and Integrated Care of the sick neonate

17. Pediatric Emergency Continuum of Care/
Pediatric Emergency and OPD Rotation
18. Community Pediatrics and Infectious Diseases/
Pediatric Isolation Ward Rotation
19. Advanced Ventilation Strategies in the Sick
Neonate
20. Pain Management in the Neonate
21. Antenatal Consultation and Prenatal Diagnosis
and Care
22. Clinical Supervision of Advanced Neonatal Care
23. Clinical Audit and Quality Assurance in the NICU

Recommended Books:

- ❖ Neonatology by Tricia Lacy Gomella
- ❖ Essential of Neonatal Medicine by Khalid N
Haque/Talal Waqar
- ❖ Protocols of Neonatology by Khawaja Ahmed Irfan
Waheed
- ❖ Principles of Neonatology by Akhil Maheshwari
MD
- ❖ Neonatology Review by Dara Brodsky
- ❖ Neonatal –Perinatal Medicine; Diseases of the
fetus and infant by Avroy A Fanaroff, Richard J
Martin
- ❖ Neonatology - Pathophysiology & Management of
the Newborn by Gordon Avery, Mary Ann Fletcher,
M.G. MacDonald
- ❖ Robertson's Textbook of Neonatology by Janet M
Rennie, N.R.C Robertson
- ❖ Manual of Neonatal Care by John P Cloherty
- ❖ Physical Diagnosis in Neonatology Mary Ann
Fletcher



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Syllabus for the post of Junior Inspector of Mines(B-17) /Mines Rescue Instructor (B-17) in the Mines & Minerals Development Department.

Mode of Exam MCQs

Course contents

1. Physical and Industrial Chemistry
2. General Geology
3. Engineering Workshop
4. Engineering Drawing and Graphics
5. Mining Engineering Fundamentals
6. Structural Geology
7. Engineering Mechanics
8. Applied Thermodynamics
9. Fluid Mechanics
10. Engineering Statistics
11. Mechanics of Materials
12. Numerical Methods in Computing
13. Mine Surveying
14. Rock Mechanics
15. Mineral Resource Estimation
16. Mine Ventilation
17. Computer Application in Mining Engineering
18. Explosives Engineering
19. Mine Economics
20. Surface Mine Design
21. Mine Geotechnical Engineering
22. Underground Mine Design
23. Mineral Processing/Mineral Processing
24. Coal Technology/Mineral Processing
25. Tunnel and Excavation Engineering
26. Mine Management
27. Mine Hazards and Safety
28. Mining and Environment

Recommended Books

1. Dennis G. Zill, Warren S Wright, "Differential equations with Boundary-Value Problems", 8th Edition, Cengage Learning, 2012.
2. K. M. Banger, Textbook of Geology
3. K.C. John, "Mechanical Workshop Practice", Second Edition, Prentice-Hall of India Pvt. Limited, 2010 ISBN: 978-81-203-4166-1.
4. N. D. Bhatt, "Elementary Engineering Drawing Plane And Solid Geometry", 30th Edition, Charotar Publishing House, 1990.
5. Raza, M. A. (2015), Course Notes on MINE-130 (Surface Hard Rock Mine Design).
6. K. M. Bangar, "Principles of Engineering Geology", Standard Publishers.

7. R. C Hibbler, Mechanics of Materials
8. Smith J.M., Van Ness H.C., Abbott M.M. "Chemical Engineering Thermodynamics" 8th Ed. McGraw-Hill International Edition, 2005.
9. R. L. Daugherty, J. B. Franzini and E. J. Finnermore, Fluid Mechanics with Engineering Applications, McGraw Hill.
10. Walpole, Myers, Myers & Ye, Probability and Statistics for Engineers and Scientist, Latest edition.
11. R. C Hibbler, Mechanics of Materials
12. C. Woodford, C. Phillips. "Numerical Methods with Worked Examples: Matlab Edition", Springer Science and Business Media.
13. Introduction to Mine Surveying by Stanley.
14. Goodman, Introduction to Rock Mechanics, 1989, John Wiley and Sons.
15. Introduction to Geostatistics, by Isaaks and Srivastava.
16. McPherson, Subsurface Environmental Engineering, (Latest Edition).
17. Computer Applications in the Mineral Industries by Xie, Wang, & Jiang
18. Dick, Fletcher & D'Andrea, Explosives and Blasting Procedures Manual (IC 8925), 1995.
19. W. G. Sullivan, J. A. Bontadelli and E. M. Wicks, Engineering Economy, 11th Ed., Prentice Hall Inc., 1999.
20. E. P. Pflaider, Surface Mining.
21. Holdings: Subsidence Engineer's Handbook, (Latest Edition).
22. Hustrulid, Underground Mining Methods Handbook, AIME Publication, June 2001.
23. Spotiswoods and Kelly, Mineral Processing, 1986.
24. SME Coal Preparation (The Latest Edition), Edited by J. D. Leonard and R. D. Mitchell.
25. Thomas R. Kuesel, Elwyn H. King, John O. Bickel, Tunnel Engineering Handbook (Latest Edition).
26. SME Mining Engineering Handbook, Ch. 29 V.2 (The Latest Edition) Edt. By A.B. Cummins and I.A. Given.
27. J. Strang and P. M Wood, A Manual on Mine Rescue, Safety and Gas Detection, 1985
28. Fletcher & D'Andrea, Explosives and Blasting Procedures Manual (IC 8925), 1. Mining and its impact on the environment by Fred G. Bell and Laurance J. Donnelly, Publisher Taylor and Francis. (ISBN 0-415-28644-1 (hbk))



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Syllabus for the Post of Lecturer Journalism/Media Studies (B-17) in the Colleges Higher Education Department

Mode of Exam: MCQs

Total Marks 100

Course contents

- **Introduction to Mass Communication**
- **Mass Media in Pakistan**
- **Contemporary World Media**
- **Digital Media**
- **Mass Media and Society**
- **Theories of Mass Communication**
- **Media Laws and Ethics**
- **Development Communication**
- **Photo Journalism and Online Journalism**
- **Current affairs**
- **Introduction to computer**

Recommended Books

1. A new Introduction to Mass Communication 3rd Edition by John V. Pavlik and Shawn McIntosh Published by Oxford University Press 2014
2. Mass Media in Pakistan (2001) Aziz Publishers Lahore
3. Akinfeleye, Ralph. (2008). Contemporary issues in mass media for development and national security, Lagos: Malthouse Press Limited
4. Funk, Tom. (2016). Advanced social media marketing:
5. James and Curran, "Mass Media and Society" Arnold Hodder, London, Latest edition

6. Mcquail, D. (2010). Mcquail's Mass Communication Theory (6th Edition). London: SAGE Publications Ltd
7. Bart Pattyn (2005). Media Ethics:
8. AIOU. 2002. Reader on Development Support Communication, Department of Mass Communication. AIOU, Islamabad
9. Ang, T. (2011). Digital Photography Essentials. London: DK
10. Chen, Peter (2002), "Visual Communication Material for Rural Audiences
11. "Introduction to Computers" by Peter Norton