



BALUCHISTAN PUBLIC SERVICE COMMISSION

(Examination Branch)
Samungli Road, Quetta Cantt.

Dated: 06th March, 2026.

PRESS RELEASE

No.BPSC/Exam/Syllabus/8/2021/464-69. It is hereby notified for the information of all the concerned aspirants that the syllabi for the following posts have been uploaded and are available on the official website of the Balochistan Public Service Commission (www.bpsc.gov.pk). The candidates are advised to visit the official website for guidance and preparation of the **Objective/Subjective Tests**.

<u>S.No</u>	<u>Name of Posts</u>	<u>Mode of Exam</u>
1.	System Analyst (B-18) in the Bolan Medical college, Quetta (Health Department)	MCQs
2.	Deputy Director (B-18)/ Deputy District Officer Education(Male/Female)(B-18)/Vice Principal(B-18)/ Senior Headmaster/Senior Headmistress(B-18)	Subjective
3.	Audit Officer (B-17) in Technical Wing(Men's Section)	Subjective
4.	Assistant Electric Inspector (B-17)	MCQs
5.	Accountant(B-16) in the BMC, Quetta(Health department)	Subjective
6.	Hostel Superintendent(B-16) in the BMC, Quetta (Health department)	Subjective

Note: - The date and time of above-mentioned tests would be announced in due course of time.

(JAVED MANAN)
SECRETARY

Balochistan Public Service
Commission

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BALUCHISTAN PUBLIC SERVICE COMMISSION

Samungli Road, Quetta Cantt.

Syllabus for the post of System Analyst (B-18) in Bolan Medical College Quetta, (Health Department)

Mode of Exam: MCQs

Course outline

1. Operating System
2. Big Data Analytics
3. Discrete Structure
4. Compiler Construction
5. Computer Networks
6. Computer Organization and Assembly Language
7. Cyber Security
8. Data Encryption and Security
9. Data Structures and Algorithms
10. Database Administration & Management
11. Database Systems
12. Design and Analysis of Algorithms
13. Information Security
14. Object Oriented Analysis & Design
15. System and Network Administration
16. Introduction to Software Engineering

Referencing Books

- i. Operating System Concepts, 9th edition by Abraham Silberschatz
- ii. Approach, 3rd edition, Prentice Hall, Inc., 2010.
- iii. Data Communication and Computer Networks, 5th Edition by Behrouz A. Forouzan
- iv. Data-Intensive Text Processing with Map Reduce, Jimmy Lin and Chris, 2010.
- v. Compilers: Principles, Techniques, and Tools, A. V. Aho, R. Sethi and J. D. Ullman, Addison-Wesley, 2nd ed., 2006
- vi. Computer Networking: A Top-Down Approach Featuring the Internet, 6th edition by James F. Kurose and Keith W. Ross
- vii. Assembly Language Programming for Intel- Computer, Latest Edition
- viii. Corporate Computer Society by Randall J. Boyle, 3rd Edition

- ix. Cryptography and Network Security: Principles and Practice, William Stallings, 6th edition.
- x. Data Structures and Algorithm Analysis in Java by Mark A. Weiss
- xi. Fundamentals of Database Systems, by Ramez Elmasri and Shamkant Navathe, Addison Wesley, 5th Edition.
- xii. Database Systems: A Practical Approach to Design, Implementation, and Management, 6th Edition by Thomas Connolly and Carolyn Begg
- xiii. Introduction to Algorithms (3rd edition) by Thomas H. Corman, Charles E. Leiserson, Ronald L. Rivest and Clifford Stein
- xiv. Computer Security: Principles and Practice, 3rd edition by William Stallings
- xv. Applying UML and patterns: An introduction to Object-Oriented Analysis and Design and Iterative Development by Craig Larman, Prentice Hall; 3rd Edition (October 30, 2004). ISBN-10: 0131489062
- xvi. The Practice of System and Network Administration, Second Edition by Thomas Limoncelli, Christina Hogan and Strata Chalup, Addison-Wesley Professional; 2nd Edition (2007). ISBN-10: 0321492668



BALUCHISTAN PUBLIC SERVICE COMMISSION

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Syllabus for the post of Deputy Director (B-18)/ Deputy District Officer Education (Male/Female) (B-18)/ Vice principal (B-18)/ Senior Headmaster/Senior Headmistress (B-18)

Paper: Subjective

marks 100

Course Content:

1. English

- a) Essay
- b) Precis

2. General Knowledge

3. Everyday Science

4. Pakistan Studies

- a) Pakistan Studies: Definition, Utility, Scope & Significance
- b) Ideology of Pakistan
- c) Pakistan Movement
- d) Post-independence important Developments
- e) Constitutional Development of Pakistan

Recommended Books

- Pakistan Studies by Muhammad Raza Kazimi
- A Concise History of Pakistan by Muhammad Raza Kazimi
- Introduction to Pakistan Studies by M. Ikram Rabbani
- Constitutional and Political History of Pakistan by Hamid Khan

5. Islamic Studies

- a) Fundamentals of Islamic Beliefs and practices
- b) Study of Sirah of Holy Prophet (PBUH)
- c) Cultural History of Islam
- d) Formation of Islamic Society
- e) Rights of women, Common man and slaves
- f) Emergence of pious caliphate

Recommended Books

- Hameedullah Muhammad, "Emergence of Islam"
- Hameedullah Muhammad, 'Introduction to Islam
- Dr. Muhammad Zia-ul-Haq, "Introduction to Al Sharia Al Islamia

6. Pedagogy

- a) Methods of Teaching
- b) Teaching Literacy Skills
- c) Instructional and Communication Technology
- d) Contemporary Issues and Trends in Education
- e) Comparative Education
- f) General Mathematics
- g) Instructional and Communication Technology (ICT)
- h) Teaching of English
- i) Teaching of Mathematics
- j) Teaching of Social Studies
- k) Contemporary Issues and Trends in Education
- l) Comparative Education

- m) Research Methods in Education
- n) School Management
- o) Test Development and Evaluation
- p) Classroom Assessment
- q) Curriculum Development
- r) Critical Thinking and Reflecting practices
- s) Human Development and Learning
- t) Inclusive Education
- u) Educational Management and Leadership

Recommended Books

- Allen, Mendler, (2009). "Motivating Students Who Don't Care": Successful Techniques for Educators. Amazon.com
- Gallo, M. L. (2004). Reading the World of Work: A Learner- Centered Approach to Workplace Literacy and ESL. Melbourne Krieger Publishing Company.
- AIOU (2006) Population Education Course MA EPM 584, Islamabad: AIOU.
- Ely, D. (1999). Toward a philosophy of instructional technology: thirty years on. British Journal of Educational Technology v30 no4 (pp.305- 10)
- Isani, and Virk, M.L. (2006) Higher Education in Pakistan. Islamabad: National Book Foundation.
- Kaufmann. J. E., „College Algebra and Trigonometry", PWS-Kent Company, Boston, Latest Edition.
- Ely, D. (1999). Toward a philosophy of instructional technology: thirty years on. British Journal of Educational Technology v30 no4 (pp.305- 10)
- Cook V. (1991). Second Language Learning and Language Teaching, 2nd ed. London, Arnold
- Fauvel, John & Jeremy Gray (1990). The History of Mathematics: A Reader: London: Macmillan Press Ltd.
- Reference Material Jarolimek, John. (1986). Social Studies in Elementary Education. London: Macmillan
- AIOU (2006) Population Education Course MA EPM 584, Islamabad: AIOU
- Isani, and Virk, M.L. (2006) Higher Education in Pakistan. Islamabad:

National Book Foundation.

- Best & James (2003) Research in Education
- Burden, P. (1995) Classroom Management and Discipline. New York: Longman.
- Angelo, T.A. & Cross, P.K. (1993). Classroom Assessment Techniques (2nd ed.). San Francisco: Jossey-Bass.
- Beane I.A, Toefler C.F & Alessi S.J (1986). Curriculum Planning & Development. Boston and Bacon
- Ormrod, Jeane, (2010) Educational Psychology: Developing Learners: Pearson
- Ayoukarm, Govald (1989), Modern Methods and Techniques of Teachings Philadelphia. Open University press 1
- Arif, H. A. (2003) Human Development and Learning. Lahore: Majeed Book Depot.
- Allen, K E and Schwartz, I S (1996). The Exception Child: Inclusion in Early Childhood Education. Albany, New York: Delmar Pub. Co
- Afridi, A. (1998). School organization: Ijaz Publishers.



BALUCHISTAN PUBLIC SERVICE COMMISSION

Samungli Road, Quetta Cantt.

Syllabus for the post of Audit Officer (B-17) in Technical Wing (Men's Section) in Colleges Higher and Technical Education Department

Paper: Subjective

Marks 100

Course Content

1. INTRODUCTION TO BUSINESS STUDIES
2. PRINCIPLES OF ACCOUNTING
3. FINANCIAL ACCOUNTING
4. ADVANCED ACCOUNTING
5. COST ACCOUNTING
6. PRINCIPLES OF MANAGEMENT
7. FINANCIAL MANAGEMENT
8. PRINCIPLES OF MARKETING
9. PRINCIPLES OF AUDITING
10. HUMAN RESOURCE MANAGEMENT
11. BUSINESS TAXATION

Recommended Books

- Rober C. Appleby, Modern Business Administration
- Introduction to Financial Accounting – Study Text by Mohyuddin Tahir Mahmood
- International Accounting Standards (IAS) and International Financial Reporting Standards (IFRS) Latest Edition by ICAP
- Gateway to IFRS Latest Edition
- Cost Accounting by F. Usry, H. Hammer & Adolph Matz
- Robbins, Coulter, Langton, Management, Latest Edition
- Brigham F Eugene, Houston F Joel (Latest edition), Fundamentals of Financial Management, South Western Publishers, Ohio
- Kotler, Philip. "Marketing Management". Latest Edition, Prentice Hall.
- Auditing by A.H. Millichamp published by British Library Continuum
- Human Resource Management, Latest Edition, by Gary Dessler
- Income Tax Ordinance, 2001 issued by FBR



BALUCHISTAN PUBLIC SERVICE COMMISSION

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Syllabus for the post of Assistant Electric Inspector (B-17) in the Energy Department

Mode of Exam: MCQs

Course Content:

Electrical

1. Signals and systems
2. ELECTRICAL NETWORK ANALYSIS
3. ELECTRICAL MACHINES
4. POWER SYSTEMS ANALYSIS
5. ELECTRICAL POWER DISTRIBUTION AND UTILIZATION
6. POWER GENERATION
7. POWER SYSTEM PROTECTION
8. ELECTRICAL MACHINE DESIGN AND MAINTENANCE

Recommended Books

- A. V. Oppenheim, A. S. Willsky and S. H. Nawab, "Signals and Systems", 2nd Edition, Prentice Hall, 1996
- B. S. Franco, "Electric Circuits Fundamentals", Oxford University Press, (Latest Edition).
- C. Stephen J. Chapman, "Electric Machinery Fundamentals", McGraw-Hill. (Latest Edition)
- D. Hadi Saadat, "Power System Analysis", McGraw-Hill International Editions.
- E. TuranGonen, "Electrical Power Distribution System", CRC Press
- F. M. V. Deshpande, "Elements of Electrical Power Station Design", 2010, PHI Publishers
- G. Fundamentals of Power System Protection by Y.G. Paithankar and S.R. Bhide
- H. S. Rao, "Commissioning, Operation and Maintenance of Electrical Equipment", Khanna Publisher, India, Latest Edition

Electronics

1. Basic Electronic Engineering
2. Circuit Analysis
3. Electronic Circuit Design
4. Electromagnetic Field Theory
5. Microprocessors and Microcontrollers
6. Integrated Electronics
7. Signal Processing

Recommended Books

- Robert Boylestad and Louis Nashelsky, "Electronic Devices and Circuit Theory," Ninth Edition, 2006, Prentice Hall, ISBN:
- William H. Hayt, Jr., Jack T. Kemmerly and Steven M. Durbin, "Engineering Circuit Analysis," Seventh Edition, 2006, McGraw-Hill, ISBN: 0073263184
- Thomas Floyd, "Electronics Fundamentals: Circuits, Devices, and Applications," Sixth Edition, 2004, Prentice Hall, ISBN
- William Hayt and John A. Buck, "Engineering Electromagnetics," Seventh Edition, 2006, McGraw-Hill, ISBN: 0073104639. •
- Barry B. Brey, "The Intel Microprocessors: 8086/8088, 80186/80188, 80286, 80386, 80486, Pentium, Pentium Pro Processor, Pentium II, Pentium III, Pentium 4T," Seventh Edition, 2006, Prentice Hall,
- Adel S. Sedra and Kenneth C. Smith, "Microelectronic Circuits," 36 Fifth Edition, 2003, Oxford University Press, ISBN:
- Simon Haykin, "Signals and Systems," Second Edition, 2003, John Wiley & Sons, ISBN:

Renewable Energy

1. Introduction to Energy Systems Engineering
2. Engineering Thermodynamics
3. Solar Energy Systems
4. Wind and Hydro Power Conversion
5. Renewable Energy Systems
6. ENERGY STORAGE TECHNOLOGIES
7. Boiler Engineering and Power Plants
8. Energy Conservation and Auditing

Recommended Books

- Duffie, J.A. and W.A. Beckman. 2013. Solar Engineering of Thermal Processes, 3rd Edition, John Wiley & Sons
- Khurmi, R.S. and J.K. Gupta. 2000. Thermal Engineering. S. Chand & Co. Ltd., New Dehli, India
- Duffie, J.A. and W.A. Beckman. 2013. Solar Engineering of Thermal Processes, 3rd Edition, John Wiley & Sons.
- Tony Burton, David Sharpte, N. Jenkins, E. Bossanyi. 2011. Wind Energy Handbook, John Wiley & Sons, Ltd. UK
- Ter-Gazarian, A.G. (2011) Energy Storage for Power Systems, 2nd Edition, IET Publications (ISBN: 978-1849192194) (TextBook)
- Chattopadhyay, P. 2000. Boiler Operation Engineering. TATA McGraw HillPub. Co. Ltd., New Dehli, India
- Electric Energy Generation, Utilisation and Conservation by Sivaganaraju, S Pearson, New Delhi, 2012
- Renewable Energy Resources 2nd/Ed, Twidell J, 2006, 9780419253303



BALUCHISTAN PUBLIC SERVICE COMMISSION

Samungli Road, Quetta Cantt.

Syllabus for the post of Accountant (B-16) in the Bolan Medical College Quetta (Health Department)

Mode of Exam: Subjective

Course Content:

1. Principals of Accounting
2. Financial Accounting
3. Introduction to Business
4. Principals of Management
5. Human Resource Management
6. Financial Management
7. Computer applications in Business
8. Managerial Accounting
9. MANAGERIAL ECONOMICS

Books Recommended

1. Mark S. Bettner, Jack L. Smith, Financial Accounting
2. Larson, K. D., Wild, J. J., & Chiappetta, B. (2005), —Financial Accounting||, 18th edition, McGraw Hill Irwin.
3. Rober C. Appleby, Modern Business Administration
4. Mejia, Balkin, Cardy. (2005), Management, 2nd Edition, McGraw-Hill
5. Decenzo, David A. & Robbins, S.P. (1996) Human Resource Management. John Wiley.
6. Kinkoph, Shery (2003) How to use Microsoft Office XP. Sams Publishing
7. Micheal Baye, Managerial Economics.
8. Brigham F Eugene, Houston F Joel (Latest edition), Fundamentals of Financial Management, South Western Publishers, Ohio
9. Mejia, Balkin, Cardy. (2005), Management, 2nd Edition, McGraw-Hill.



BALUCHISTAN PUBLIC SERVICE COMMISSION

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Syllabus for the post of Hostel Superintendent (B-16) in Bolan Medical College Quetta (Health Department)

Mode of Exam: Subjective

Course outline

- 1. English**
- 2. General knowledge**
- 3. Current Affairs**
- 4. Principle of Management**

Recommended Books

- Management by Stephen P. Robbins & Mary Coulter (International Edition) - *Considered the primary text by many HEC-affiliated institutions*
- Fundamentals of Management by Stephen P. Robbins, David A. DeCenzo, & Mary Coulter

5. Management of Information Systems

Recommended Books

- Management Information Systems by James A. O'Brien and George M. Marakas.
- Introduction to Information Systems by R. Kelly Rainer and Casey G. Cegielski (often used for introductory MIS).

6. Organizational Behavior

Recommended Books

- "Essentials of Organizational Behavior" by Stephen P. Robbins and Timothy A. Judge
- "Organizational Behavior: Key Concepts, Skills & Best Practices" by Angelo Kinicki and Robert Kreitner