



BALUCHISTAN PUBLIC SERVICE COMMISSION

(Examination Branch)
Samungli Road, Quetta Cantt.

Dated: 01st July, 2026.

PRESS RELEASE

No.BPSC/Exam/Syllabus/8/2026/ 597-601 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).

<u>S.No</u>	<u>Name of Posts</u>	<u>Mode of Exam</u>
1.	Chemist (B-18) in the (Research Wing) in Livestock & Dairy Development Department 1. For Biochemistry Degree Holders 2. For Chemistry Degree Holders	MCQs
2.	Electric Inspector of Mines (B-17) in in Mines & Minerals Development Department	MCQs
3.	Sales Manager (B-17) in the Directorate General of Industries & Commerce (Small Industries Wing) (Industries & Commerce Department)	MCQs
4.	Assistant Social Welfare Officer (B-16) in the Social Welfare Department	MCQs

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Samungli Road, Quetta Cantt.

Syllabus for the Post of Chemist (B-18) (Research Wing) in the Livestock and Dairy Development Department

Mode of Exam: MCQs

Course contents

BIOCHEMISTRY

1. Advanced Biochemical Techniques
2. Analytical Techniques in Biochemistry
3. Biosafety & Bioethics
4. Biostatistics
5. Cancer Biology
6. Carbohydrates & Lipids
7. Cell Biology
8. Clinical Biochemistry
9. Computational Biology
10. Environmental Biochemistry
11. Enzymology
12. Fundamentals Of Microbiology
13. Fundamentals Of Molecular Biology
14. Genomics, Transcriptomics & Proteomics
15. Human Physiology
16. Immunology
17. Industrial Biochemistry
18. Inorganic Chemistry
19. Introduction To Biotechnology
20. Introductory Biochemistry
21. Metabolism Of Carbohydrates & Lipids

22. Metabolism Of Proteins & Nucleic Acids
23. Nutritional Biochemistry
24. Organic Chemistry
25. Physical Chemistry
26. Plant Biochemistry
27. Principles Of Genetics
28. Proteins & Nucleic Acids
29. Research Methodologies in Biochemistry
30. Scientific Inquiry & Research Methods

Recommended Books

- ❖ **Modern Experimental Biochemistry 3d Ed - Rodney F. Boyer**
- ❖ **Clayden J., Greeves N., and Warren S., Organic Chemistry, Paperback Edition, Oxford University Press, 2012.**
- ❖ **McQuarrie, D. A. and Simon, J. D., Physical Chemistry – A Molecular Approach, 1st ed., University Science Books, (1997).**
- ❖ **Skoog, D. A., West, P. M., Holler, F. J., Crouch, S. R., Fundamentals of Analytical Chemistry, 9th ed., Brooks Cole Publishing Company, (2013).**
- ❖ **Pommerville C.J. Alcamo's Fundamentals of Microbiology. 9th Ed. Jones and Bartlett Learning Company, 2018.**
- ❖ **Fundamentals of Biochemistry. (2008) 3rd Ed. by D. J. Voet, G.J. Voet and C. W. Pratt. J. Wiley & Sons Inc.**
- ❖ **Harpers Illustrated Biochemistry. (2012). 29th Ed. By Robert Murray, David Bender, Kathleen M. Botham, Peter J. Kennelly, Victor Rodwell, P. Anthony Weil. McGraw-Hill Medical.**
- ❖ **Lehninger Principles of Biochemistry. (2012) 6th Ed. By David L. Nelson, Michael M. Cox W.H. Freeman; 6th Edition (November 21, 2012).**
- ❖ **Text Book of Medical Physiology (2016) 13th Edition by Guyton A.C., John E.H, Human Physiology: An Integrated Approach (2018) 8 th Edition by Silverthorn D.U, Pearson.**

- ❖ **Fundamentals of Biochemistry. (2008) 3rd Ed. by D. J. Voet, G.J. Voet and C. W. Pratt. J. Wiley & Sons Inc.**
- ❖ **Katherine J Denniston, Joseph J Topping, Dr Danae Quirk Dorr, "General, Organic, and Biochemistry" 7th Edition, 2013,publisherBrooks Cole.**
- ❖ **Altman A and Hasegawa PM, 2012. Plant Biotechnology and Agriculture: Prospects for 21st Century. 1st Edition; Academic Press.**
- ❖ **Immunobiology. (2001) 5th Ed. by Charles A. Janeway, Mark Walport, Paul Travers, and Mark J. Shlomchik. Published by Taylor and Francis.**
- ❖ **Ramawat, K. G. and Goyal, S. (2009). Comprehensive Biotechnology.4th Edition. S. Chand and Company Limited, New Delhi, India.**
- ❖ **Benjamin Lewin, 2017. GeneXII, 12th edition, Jones & Bartlett Learning**
- ❖ **Clinical Chemistry: Principles, Procedures, Correlations by Michael L. Bishop, Edward P. Fody, Larry E. Schoeff Publisher: Lippincott Williams & Wilkins; 6th Edition (July 6, 2004)**
- ❖ **Environmental Biochemistry Vol-3 NeelimaRajvaidya, Dilip Kumar Markandey, APH Publishing, 2005.**
- ❖ **Biochemistry and Molecular Biology of Plant Hormones (1999). Edited by P. J. J., Haykaas, M. A. Hall, & K.R. Libbenga, Science Pub. Co.**
- ❖ **Krause's Food, Nutrition and Diet Therapy L. Kathleen Mahan Sylvia Escott-Stump (latest edition). Saunders**
- ❖ **Graduate research: A guide for students in the science (1998) 3 Rev Sub edition by Robert V. Smith University of Washington Press.**
- ❖ **Principles of Shreve's chemical process industries (1998) 5th Edition by G.T. Austin Publishers: McGraw-Hill.**

- ❖ The Biology of Cancer by Robert A Weinberg, 2nd edition, 2012
- ❖ Strachan T and Read AP, 2010. Human Molecular Genetics. 4th Edition; Garland Science.
- ❖ Twyman RM. Principles of Proteomics (2004). BIOS Scientific Publishers



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Syllabus for the Post of Chemist (B-18) (Research Wing) in the Livestock and Dairy Development Department

Mode of Exam: MCQs

Course contents

CHEMISTRY

1. Advanced Analytical Chemistry
2. Advanced Inorganic Chemistry
3. Advanced Organic Chemistry
4. Advanced Techniques in Chemistry
5. Agricultural Chemistry
6. Artificial Intelligence in Chemistry
7. Chemical Safety & Risk Management
8. Computational Chemistry
9. Environmental Chemistry
10. Forensic Chemistry
11. Fuel Chemistry
12. Fundamentals Of Chemistry
13. General Chemistry
14. Industrial Chemistry
15. Introduction To Nano-Chemistry
16. Materials Science
17. Pharmaceutical Chemistry
18. Principles Of Analytical Chemistry
19. Principles Of Biochemistry
20. Principles Of Inorganic Chemistry
21. Principles Of Organic Chemistry
22. Principles Of Physical Chemistry
23. Principles Of Polymer Chemistry
24. Scientific Writing & Research Methods
25. Soil Chemistry
26. Statistics For Chemistry
27. Quality Control and Assurance

Recommended Books

- ❖ Skoog, D. A., West, P. M., Holler, F. J., Crouch, S. R., Fundamentals of Analytical Chemistry, 9 th ed., Brooks Cole Publishing Company, (2013).
- ❖ Shriver, D. F., Atkins, P. W., Langford, C. H., Inorganic Chemistry, 2nd ed., Oxford University Press, (1994).
- ❖ Brown, W. and Poon, T., Introduction to Organic Chemistry, 3rd ed., John-Wiley & Sons, Inc., (2005).
- ❖ Baird, C. and Cann, M., Environmental Chemistry, 5 th ed., W. H. Freeman & Company, (2012).
- ❖ *Plant Biochemistry* by P.M. Dey and J.B. Harborne
- ❖ McQuarrie, D. A. and Simon, J. D., Physical Chemistry – A Molecular Approach, 1st ed., University Science Books, (1997).
- ❖ Skoog, D. A., West, P. M., Holler, F. J., Crouch, S. R., Fundamentals of Analytical Chemistry, 9 th ed., Brooks Cole Publishing Company, (2013).
- ❖ Nelson, D.L., Lehninger's Principles of Biochemistry, 6 th ed., Publisher: Macmillan Higher Education, (2008).
- ❖ Gynge, E.S. Applied Chemistry for Engineers, Edward Arnold Publisher, Ltd. London. (1989).
- ❖ Sperling, L. H. Introduction to Physical Polymer Science, 4th ed., WileyInterscience, New York, USA, (2006).
- ❖ Cooper, T. C., The Tools of Biochemistry, 2 nd ed., John Wiley, (2007).
- ❖ Paul, M. D., Medicinal Natural Products: A Biosynthetic Approach, 3 rd ed., Medicinal Natural Products, John-Wiley & Sons, Ltd, (2009).
- ❖ Ratner, M.A. and Ratner, D., Nanotechnology: A Gentle Introduction to the Next Big Idea, Prentice Hall Professional, upper saddle river, New Jersey (2003).
- ❖ Chemical Process Safety: Learning from Case Histories by Roy E. Sanders



BALUCHISTAN PUBLIC SERVICE COMMISSION

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Syllabus for the Post Electric Inspector of Mines (B-17) in the Mines and Minerals Development Department

Mode of Exam: MCQs

Marks: 100

Course contents

- 1)Electronic device and circuits**
- 2)Electric Network analysis**
- 3)Electric workshop practice**
- 4)Electrical Machines**
- 5)Power distribution and Utilization**
- 6)Power system analysis**
- 7)Entrepreneurship**
- 8)Artificial intelligence**
- 9)Renewable energy**

Recommended Books

1. S. Franco, "Electric Circuits Fundamentals", Oxford University Press, (Latest Edition).
2. Stephen J. Chapman, "Electric Machinery Fundamentals", McGraw-Hill. (Latest Edition)
3. Hadi Saadat, "Power System Analysis", McGraw-Hill International Editions.
4. TuranGonen, "Electrical Power Distribution System", CRC Press
5. M. V. Deshpande, "Elements of Electrical Power Station Design", 2010, PHI Publishers
6. Fundamentals of Power System Protection by Y.G. Paithankar and S.R. Bhide
7. Power Generation and Operation and controlled by Allen J. wood and Bruce F Wallenberg , john Wiley and sons



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(Research Branch)

**Syllabus for the Post of Sales Manager (B-17) in the
Directorate General of Industries and Commerce (Small
Industries, Wing)**

Mode of Exam: MCQs

Course contents

- 1. Communication Skills**
- 2. Computer Applications in Business**
- 3. Business Statistics**
- 4. Economic Issues of Pakistan**
- 5. Auditing**
- 6. Cost Accounting**
- 7. Principles of Marketing**
- 8. Principles of Management**
- 9. Logical and Critical thinking**
- 10. Principles of Risk Management and Insurance**
- 11. Human Resource Management**
- 12. Entrepreneurship**
- 13. E. Commerce**
- 14. Investment and Portfolio Management**
- 15. Organization Behavior**
- 16. International Business**
- 17. Basic Computer Knowledge (M.S Word, Power Point and Excell)**

Recommended Books

- ❖ Shoukat Ali, *Introduction to Business*
- ❖ Jerry. J, Weygandt, Paul D. Kimmel and Donald E. Kieso, *Accounting Principles*.
- ❖ Pindyck Robert S,. Rubinfeld Daniel L. (2005) — *Micro Economics*
- ❖ Charles D. Miller, Stanley A. Salzman, and Gary Clendenen, —*Business Mathematics*, 11th Edition, 2009, Addison Wesley
- ❖ Kinkoph, Shery (2003) *How to use Microsoft Office XP*. Sams Publishing
- ❖ Larson, K. D., Wild, J. J., & Chiappetta, B. (2005), —*Financial Accounting*, 18th edition, McGraw Hill Irwin.
- ❖ Parkin Michael (1997) *Macro Economics* 4th edition New York Addison Wesley
- ❖ Paul Newbold, William Carlson and Betty Thorne, —*Statistics for 33 Business and Economics*", 7th Edition, 2009, Prentice Hall.
- ❖ Cheema, Khalid Mahmood, *Business Law*, Sayed Mobin Mahmud & Co. Lahore.
- ❖ Mehboob, A. Sheikh , *Taxation*, latest edition.
- ❖ *Economic Survey of Pakistan (Latest)*. Ministry of Finance, Government of Pakistan, Islamabad.
- ❖ *Auditing* by A.H. Millichamp published by British Library Continuum
- ❖ *Cost Accounting* by F. Usry, H. Hammer & Adolph Matz

- ❖ Zigmund, William G, *Business research methods*, Sixth Edition.
- ❖ Kotler, Philip. (2002) *"Marketing Management"*. 11th Edition, Prentice- Hall.
- ❖ George E. Rejda, *PRINCIPLES OF RISK MANAGEMENT AND INSURANCE*, 8 th Ed.,
- ❖ Decenzo, David A. & Robbins, S.P. (1996) *Human Resource Management*. John Wiley.
- ❖ Hisrich and Peters, (1998) *Entrepreneurship*, McGraw-Hill
- ❖ Kenneth C. Laudon, Carol GuercioTraver (latest edition), *ECommerce: Business Technology, Society*, Pearson Education
- ❖ Rugman & Hodgetts. (2003), *International Business, A strategic management approach*, McGraw-Hill.
- ❖ *Computer Fundamentals* by P. K Sinha and *Computer Fundamentals* by Anita Geol.



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(Research Branch)

Syllabus for the Post of Assistant Social Welfare Officer (B-16) in Social Welfare Department.

Mode of Exam: MCQs

Course contents

1. English

- English Composition
- Comprehension
- Fill in the Blanks
- Pair of Words

2. Sociology/Social Work

- Introduction to Sociology
- Contemporary Sociological Theories
- Pakistani Society and Culture
- Introduction to Social Work
- Introduction to Organization Management
- Geography of Balochistan, its Social Problems and Solutions thereof
- Social Harmony and Development
- Social Analysis and Its Tools
- Significance of Community Tool Box and Its effectiveness for Development
- Conflict Resolution and Its Types

3. Basics of Computer Science

- MS. Word
- MS. Excell
- MS. Power Point
- Communication Skills

4. Basic Science (Matric Level)

- Energy and Its Sources
- Structure of the Atom and Radioactivity
- Elements Created in Laboratory
- Human Health and Physical Development
- Renewable Energy and Its Sources
- Energy Consuming Sectors in Pakistan
- Water Resources of Pakistan
- Tidal Force and Astronomical Sciences
- Photoelectric and Quantum Theory

5. Basic Mathematics (Matric Level)

- Real and Complex Numbers
- Factorization
- Algebraic Expressions and Algebraic Formulae
- Linear Equations and Inequalities
- Quadratic Equations
- Variations
- Partial Fractions
- Sets and Functions
- Ratio and Proportion

Recommended Books

- ❖ *High School English Grammar and Composition* by Wren and Martin.
- ❖ *Advanced Pair of Words and Words Confused and Misused* by Imtiaz Shahid.
- ❖ *An Introduction to Sociology* by Abdul Hameed Taga.
- ❖ *Principles of Sociology* by M. Akram Afaq Rana.
- ❖ *Sociological Theory* by George Ritzer.
- ❖ *Sociology: An Introduction to Pakistani Society and Culture* by Akbar S. Ahmed.

- ❖ *Introduction to Social Work* by Rex A. Skidmore & M. G. Thackeray.
 - ❖ *The Field of Social Work* by Arthur E. Fink.
 - ❖ *Community Tool Box* by Centre for Community Health and Development, University of Kansas (KU), Founded by Vincent Francisco, Jerry Schultz, Tom Wolff and Bill Berkowitz
- For details:

<https://ctb.ku.edu/en/table-of-contents>

www.youtube.com

- ❖ *Computer Fundamentals* by P. K Sinha and *Computer Fundamentals* by Anita Geol.
- ❖ *Balochistan Board Text Books*.