



# The Islamia University of Bahawalpur

## DATE SHEET

**REVISED**

For the Regular/Private Candidates of M.A/M.Sc. (Comprehensive/Composite)  
Supplementary, 2018 and First Annual Examination, 2019 to be held in August / September, 2019

### Written Examination

**Time: 09:00 A.M. TO 12:30 P.M. (Morning)**

| Date & Day                    | Subject                       | Papers             |   |
|-------------------------------|-------------------------------|--------------------|---|
| August, 2019<br>20th Tuesday  | Islamiyat Compulsory          |                    | For the Regular and LCC/Private Candidates of all M.A/M.Sc. Except M.A Islamic Studies, Education, M.A Economics, MLIS and M.A Urdu and Iqbaliat. |
|                               | Economics of Islam            | I                  | For the Late College/Private candidates of M.A. Economics only.   |
|                               | Concept of Education in Islam | 207                | For the Late College candidates of M.A. Education only.   |
| 21st Wednesday                | Applied Psychology            | II                 | History & System of Psychology  |
|                               | Political Science             | II                 | Muslim Political Thought  |
|                               | Physics                       | II                 | Methods of Mathematical Physics   |
|                               | Physical Education            | II                 | Philosophy of Physical Education & Recreation   |
|                               | Botany                        | I                  | Viruses, Bacteria, Algae and Bryophyta.   |
|                               | Arabic                        | II                 | Applied Grammar   |
|                               | Statistics                    | I                  | Introduction to Computer & Computer Programming.  |
|                               | Zoology                       | I                  | Biochemistry  |
|                               | English                       | II                 | Poetry-I (Classical Poetry)   |
|                               | Library & Information Science | I                  | Literature on Islam and Pakistan  |
| 22nd Thursday                 | Economics                     | II                 | Micro Economic Theory   |
|                               | International Relations       | I                  | Concepts and Principles of International Relations  |
|                               | Geography                     | II                 | Physical Geography-I  |
|                               | Education                     | 101                | Educational Psychology  |
|                               | History                       | II                 | Philosophy of History and Research Methodology  |
|                               | Pakistan Studies              | II                 | Muslim Nationalism 1858-1947  |
|                               | Islamic Studies               | I                  | Ulumul Quran  |
|                               | Chemistry                     | II                 | Physical Chemistry  |
|                               | Mathematics                   | 102                | Real Analysis and Lebesgue Integration (Old Course)/ Real Analysis  |
|                               | Saraiki                       | II                 | History of Saraiki Literature   |
|                               | Persian                       | II                 | Classical Prose   |
|                               | Social Work                   | II                 | Social Case Work  |
|                               | 23rd Friday                   | Applied Psychology | III   |
| Political Science             |                               | III                | Classical and Political Philosophies  |
| Physics                       |                               | III                | Classical Mechanics, Thermal and Statistical Physics  |
| Physical Education            |                               | III                | Science of Movement   |
| Botany                        |                               | II                 | Mycology and Plant Pathology  |
| Arabic                        |                               | III                | Composition, Translation and Conversation   |
| Statistics                    |                               | II                 | Statistical Methods.  |
| Zoology                       |                               | II                 | Cell and Molecular Biology  |
| English                       |                               | III                | Drama-I   |
| Library & Information Science |                               | II                 | Library and Information Science   |
| 24th Saturday                 | Economics                     | III                | Macro-Economic Theory   |
|                               | International Relations       | II                 | Research Methodology  |
|                               | Geography                     | III                | Physical Geography-II   |
|                               | Education                     | 102                | Educational Research  |
|                               | History                       | III                | History of India to 1206-AD   |
|                               | Pakistan Studies              | III                | Political Development in Pakistan, 1947-1999  |
|                               | Islamic Studies               | II                 | Ulumul Hadith   |
|                               | Chemistry                     | III                | Organic Chemistry   |
|                               | Mathematics                   | 103                | Complex Analysis and Special Functions (Old Course)/ Numerical Analysis   |
|                               | Saraiki                       | III                | Saraiki Prose   |
|                               | Persian                       | III                | Classical Poetry  |
| Social Work                   | III                           | Social Group Work  |   |

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|----------------|-------------------------------|-------------------------|--|
| 26th Monday    | Applied Psychology            | IV                      | Statistics in Psychology   |
|                | Political Science             | IV                      | Political System Theories and Developmental Comparative          |
|                | Physics                       | IV                      | Computational Physics  |
|                | Physical Education            | IV                      | Sports Psychology  |
|                | Botany                        | III                     | Comparative Morphology of Vascular Plants                        |
|                | Arabic                        | IV                      | Classical and Modern Prose                                       |
|                | Statistics                    | III                     | Probability and Probability Distributions                        |
|                | Zoology                       | III                     | Genetics and Biostatistics                                       |
|                | English                       | IV                      | Novel  |
|                | Library & Information Science | III                     | Cataloguing  |
| 27th Tuesday   | Economics                     | IV                      | Mathematical Economics   |
|                | International Relations       | III                     | Foreign Policy Analysis  |
|                | Geography                     | IV                      | Human Geography  |
|                | Education                     | 103                     | Instructional Strategies and Information Technology              |
|                | History                       | IV                      | Muslim Rule in India 1206-1526 A.D.                              |
|                | Pakistan Studies              | IV                      | Pakistan Society & Culture, 1947-1999                            |
|                | Islamic Studies               | III                     | Ulumul Fiqah   |
|                | Chemistry                     | IV                      | Inorganic Chemistry  |
|                | Mathematics                   | 104/105                 | Mathematical Methods and Mechanics(Old Course)/ Complex Analysis |
|                | Saraiki                       | IV                      | Linguistics  |
|                | Persian                       | IV                      | Literary History of Persian (Indo-Pak)                           |
|                | Social Work                   | IV                      | Community Organization and Development                           |
| 28th Wednesday | Applied Psychology            | V                       | Research Methodology   |
|                | Political Science             | V                       | International Relations Theories                                 |
|                | Physics                       | V                       | Solid State/Atomic/Molecular Physics                             |
|                | Physical Education            | V                       | Science of Track and Field                                       |
|                | Botany                        | IV                      | Plant Biochemistry   |
|                | Arabic                        | V                       | Religious Literature   |
|                | Statistics                    | IV                      | Design and Analysis of Experiments                               |
|                | Zoology                       | IV                      | Invertebrate Diversity   |
|                | English                       | V                       | Pakistani Literature in English                                  |
|                | Library & Information Science | IV                      | Classification   |
| 29th Thursday  | Economics                     | V                       | Public Finance and Monetary Economics                            |
|                | International Relations       | IV                      | Islam and International Relations                                |
|                | Geography                     | V                       | History and Development of Geographic Thought                    |
|                | Education                     | 104-E                   | Teaching of English  |
|                |                               | 104-M                   | Teaching of Mathematics  |
|                |                               | 104-C                   | Teaching of Chemistry  |
|                | History                       | V                       | Muslim Rule in India to 1526-1707 A.D.                           |
|                | Pakistan Studies              | V                       | Mass Media & Communication in Pakistan                           |
|                | Islamic Studies               | IV                      | Arabic Language and Literature                                   |
|                | Chemistry                     | V                       | Analytical Chemistry   |
|                | Mathematics                   | 107/105                 | Numerical Analysis(Old Course)/ Group Theory and Linear Algebra  |
|                | Saraiki                       | V                       | History, Art & Culture   |
|                | Persian                       | V                       | Literary History of Persia (Iran)                                |
| Social Work    | V                             | Social Research Methods |  |

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|-------------------------------|-------------------------------|-----------------------------------|--|-----------------------------|
| 30th Friday                   | Applied Psychology            | VI                                | Psychological Testing & Measurement  |                             |
|                               | Political Science             | VI                                | Ideology and Dynamics of Politics in Pakistan                                    |                             |
|                               | Physics                       | VI                                | Electronics  |                             |
|                               | Physical Education            | VI                                | Theory of Games  |                             |
|                               | Botany                        | V                                 | Plant Ecology and Phyto-Geography  |                             |
|                               | Arabic                        | VI(i)                             | Arabic Literature of Spain and Migrants  |                             |
|                               | Statistics                    | V                                 | Theory of Sampling   |                             |
|                               | Zoology                       | V                                 | Ecology, Wildlife and Zoogeography   |                             |
|                               | English                       | VI                                | Applied Linguistics  |                             |
|                               | Library & Information Science | V                                 | Bibliography, Bibliographical Control and Collection Development                 |                             |
| 31st Saturday                 | Economics                     | VI                                | Economic Development and Planning  |                             |
|                               | International Relations       | V                                 | Theories of International Relations  |                             |
|                               | Geography                     | VI                                | Quantitative Techniques and Research Methods                                     |                             |
|                               | Education                     | 105-SS                            |  | Teaching of Social Sciences |
|                               |                               | 105-L                             |  | Teaching of Languages       |
|                               |                               | 105-P                             |  | Teaching of Physics         |
|                               |                               | 105-B                             |  | Teaching of Biology         |
|                               | History                       | VI                                | Age of the Europeans and the Decline & Fall of Muslim Rule In India              |                             |
|                               | Pakistan Studies              | VI                                | Geography and Demographic Profile of Pakistan                                    |                             |
|                               | Islamic Studies               | V                                 | Comparative Study of Religions   |                             |
|                               | Chemistry                     | VI                                | Mathematics  |                             |
|                               | Mathematics                   | 108/106                           | Modern Algebra(Old Course) Differential Geometry and Mechanics                   |                             |
|                               | Saraiki                       | VI                                | Criticism  |                             |
| Persian                       | VI                            | Spoken Persian and Translation    |  |                             |
| Social Work                   | VI                            | Developmental Economics & Poverty |  |                             |
| September, 2019<br>2nd Monday | Applied Psychology            | VII                               | Psychopathology and Mental Health  |                             |
|                               | Physics                       | IX                                | Quantum Mechanics  |                             |
|                               | Political Science             | VII                               | Pakistan Movement  |                             |
|                               | Physical Education            | VIII                              | Research in Physical Education   |                             |
|                               | Botany                        | XI                                | Anatomy and Taxonomy of Angiosperms  |                             |
|                               | Arabic                        | VII                               | Classical and Modern Poetry  |                             |
|                               | Statistics                    | XI                                | Statistical Inference  |                             |
|                               | Zoology                       | VI                                | Physiology   |                             |
|                               | English                       | VII                               | Poetry-II (Romantic & Modern Poetry)   |                             |
|                               | Library & Information Science | VI                                | Reference, Information Source and Services                                       |                             |
| 03rd Tuesday                  | Economics                     | VII                               | International Economics  |                             |
|                               | International Relations       | VI                                | Defense and Strategic Studies  |                             |
|                               | Geography                     | VIII                              | Geography of Pakistan  |                             |
|                               | Education                     | 106-A                             | Functional English   |                             |
|                               | History                       | VII                               | Muslim Struggle for Independence and the birth of Pakistan (1858-1947)           |                             |
|                               | Pakistan Studies              | VII                               | Bahawalpur, State & Society, 1727-1947   |                             |
|                               | Islamic Studies               | VI                                | Islam and Modern Economic, Political, Social Ideology & Thought                  |                             |
|                               | Chemistry                     | XI                                | Applied Chemistry  |                             |
|                               | Mathematics                   | 201/202                           | Topology and Functional Analysis / Topology and Functional Analysis (New Course) |                             |
|                               | Saraiki                       | VII                               | Modern Saraiki Poetry (New Syllabus)   |                             |
|                               | Persian                       | VII                               | Modern Persian Literature  |                             |
|                               | Social Work                   | VII                               | Fundamentals of Computer   |                             |
|                               | 04th Wednesday                | Applied Psychology                | VIII   | Social Psychology           |
| Physics                       |                               | X                                 | Electrodynamics  |                             |
| Political Science             |                               | VIII                              | Comparative Political Systems: Developed (USA,CHINA,BRITAIN & FRANCE)            |                             |
| Physical Education            |                               | IX                                | Basic Anatomy & Physiology   |                             |
| Botany                        |                               | XII                               | Cytology, Genetics and Biometry  |                             |
| Arabic                        |                               | VIII                              | Linguistics  |                             |
| Statistics                    |                               | XII                               | Econometrics   |                             |
| Zoology                       |                               | VII                               | Developmental Biology  |                             |
| English                       |                               | VIII                              | Drama-II   |                             |
| Library & Information Science |                               | VII                               | Management of Libraries and Information Centre                                   |                             |

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| 05th Thursday                 | Economics               | VIII  | Economics, Statistics and Econometrics                                       |                                 |
|                               | International Relations | VII   | Foreign Policy of Major Powers   |                                 |
|                               | Geography               | IX(F)   | Environmental Geography  |                                 |
|                               | Education               | 106-B   | Functional Urdu  |                                 |
|                               | History                 | VIII(i)   | Govt. & Politics in Pakistan (1947-77)                                       | Common Paper for<br>Group A & B |
|                               |                         | IX(i)   | Govt. & Politics in Pakistan (1947-77)                                       |                                 |
|                               | Pakistan Studies        | VIII  | Research Methodology   |                                 |
|                               | Islamic Studies         | VII   | Seerat-un-Nabi & History of Islam  |                                 |
|                               | Chemistry               | XII-B   | Environmental Chemistry  |                                 |
|                               | Mathematics             | 203/201   | Operations Research / Ordinary & Partial Differential Equations (New Course) |                                 |
|                               | Saraiki                 | VIII  | Faridiyat  |                                 |
|                               | Persian                 | VIII  | Iqbal Studies  |                                 |
|                               | Social Work             | VIII  | Human Growth and Behaviour   |                                 |
| 07th Saturday                 | Applied Psychology      | IX  | Behavioral Neurosciences   |                                 |
|                               | Political Science       | IX(i)   | Research Methodology (For Regular Students only)                             |                                 |
|                               |                         | IX(ii)  | Essay Writing (For Private & Regular Candidates)                             |                                 |
|                               | Physics                 | XI  | Nuclear Physics  |                                 |
|                               | Physical Education      | X   | Bio-Mechanics  |                                 |
|                               | Botany                  | XIII  | Plant Physiology   |                                 |
|                               | Arabic                  | IX  | History of Arabic Literature   |                                 |
|                               | Statistics              | XV  | Applied Statistics   |                                 |
|                               |                         | XVI   | Operations Research  |                                 |
|                               |                         | XVII  | Survey Design & Research Methods.  |                                 |
|                               | Zoology                 | VIII  | Vertebrate Diversity and Paleontology  |                                 |
|                               | Pakistan Studies        | IX  | Political Economy of Pakistan, 1947-1999                                     |                                 |
|                               | English                 | IX  | Prose  |                                 |
| Library & Information Science | VIII                    | Research & Research Methodology   |  |                                 |
| Economics                     | IX                      | History of Economic Thought   |  |                                 |
|                               | X                       | Applied Econometrics  |  |                                 |
|                               | XI                      | Economics of Population and Manpower Planning                                   |  |                                 |
|                               | XII                     | Environmental Economics   |  |                                 |
|                               | XIII                    | Information Technology and Economics  |  |                                 |
| 12th Thursday                 | International Relations | VIII  | International Law  |                                 |
|                               | Geography               | IX(L)   | Geography of Arid Land   |                                 |
|                               | Education               | 201   | Educational Planning & Management  |                                 |
|                               | History                 | VIII(ii)  | Socio-Economic & Constitutional Development in Pakistan                      |                                 |
|                               |                         | IX(ii)  | Archaeological History of Pakistan   |                                 |
|                               | Pakistan Studies        | X   | Pakistani Languages & Literature, 1947-1999                                  |                                 |
|                               | Social Work             | IX  | Sociology of Culture and Social Institutions                                 |                                 |
|                               | Islamic Studies         | VIII (i)  | Tafseeri Adab  |                                 |
|                               |                         | VIII(ii)  | Dawat-wal-Irshad   |                                 |
|                               | Chemistry               | XIII-A1   | Advanced Physical Chemistry  |                                 |
|                               |                         | XIII-B1   | Advanced Organic Chemistry   |                                 |
|                               |                         | XIII-C1   | Advanced Inorganic Chemistry   |                                 |
|                               |                         | XIII-D1   | Advanced Analytical Chemistry  |                                 |
| XIII-E1                       |                         | Advanced Biochemistry   |  |                                 |
| Mathematics                   | 210/203                 | Mathematical Statistics / Mathematical Method & Integral Equations (New Course) |  |                                 |
| Saraiki                       | IX                      | Folk Literature   |  |                                 |
| Persian                       | IX                      | History of Mysticism and Kashful Mehjoob  |  |                                 |

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|-------------------------------|-------------------------|---|--|
| 13th Friday                   | Applied Psychology      | X(I)-I  | General Issues and Assessment                                      |
|                               |                         | X(IX)-1   | Industrial and Organizational Psychology.                          |
|                               | Physics                 | XV  | Solid State Physics-I  |
|                               | Political Science       | X(G-1)  | Foreign Policy of Major Powers, Britain France and China w.s.r. to |
|                               |                         | X(G-2)  | International Laws, Including Muslim International Law.            |
|                               |                         | X(G-3)  | Foreign Policy of Pakistan   |
|                               |                         | X(G-4)  | Specialized Study of Ghazali and Ibne Khaldoon                     |
|                               |                         | X(G-5)  | Specialized Study of Plato and Aristotle                           |
|                               |                         | X(G-6)  | Local Self Government  |
|                               | Physical Education      | XI  | Sports Medicine  |
|                               | Botany                  | XIV   | Environmental Biology  |
|                               | Arabic                  | X   | Arabic Rhetoric and Criticism                                      |
|                               | Statistics              | XVIII   | Data Processing & Computer Programming.                            |
|                               |                         | XIX   | Population and Demographic Method.                                 |
|                               |                         | XX  | Multivariate Analysis  |
|                               |                         | XXI   | Statistical Quality Control  |
|                               | Zoology                 | IX  | Special Paper A (Biotechnology)                                    |
| English                       | X                       | Criticism   |  |
| Library & Information Science | IX                      | Information Technology and Libraries                                  |  |
| Social Work                   | X                       | History & Philosophy of Social Work                                   |  |
| Pakistan Studies              | XI                      | Foreign Policy of Pakistan, 1947-1999                                 |  |
| 14th Saturday                 | Economics               | XIV   | Advanced Mathematical Economics                                    |
|                               |                         | XV  | Agricultural Economics   |
|                               |                         | XVI   | Labour Economics   |
|                               |                         | XVII  | Managerial and Administrative Economics                            |
|                               |                         | XVIII   | Marketing Economics  |
|                               | International Relations | IX(i)   | International Political Economy.                                   |
|                               |                         | IX(vii)   | Third World  |
|                               | Geography               | X(A)  | Economic Geography   |
|                               | Education               | 202   | Assessment, Evaluation and Curriculum                              |
|                               | History                 | VIII(iii)   | History of Europe & I.R. (1815-1973)                               |
|                               |                         | IX(iii)   | History of Abbasids to 1258 A.D.                                   |
|                               | Pakistan Studies        | XII   | Social Change and Development in Pakistan, 1947-1999               |
|                               | Social Work             | XII   | Social Policy & Administration                                     |
|                               | Islamic Studies         | IX(i)   | Adab Hadith  |
|                               |                         | IX(ii)  | Islam and Science  |
|                               |                         | IX(iii)   | Philosophy and Ilmal Kalam   |
|                               | Chemistry               | XIII-A2   | Advanced Physical Chemistry  |
|                               |                         | XIII-B2   | Advanced Organic Chemistry   |
|                               |                         | XIII-C2   | Advanced Inorganic Chemistry                                       |
|                               |                         | XIII-D2   | Advanced Analytical Chemistry                                      |
|                               |                         | XIII-E2   | Advanced Biochemistry  |
| Mathematics                   | 205/311                 | Fluid Mechanics / Geometric Modeling & Computer Graphics (New Course) |  |
|                               | 321                     | Measure Theory and Integration (New Course)                           |  |
|                               | 211/301                 | Group Theory / Fluid Mechanics (New Course)                           |  |
|                               | 215                     | Numerical Analysis  |  |
| Saraiki                       | X(i)                    | Pakistani Adab  |  |
| Persian                       | X                       | Grammar and Rhetoric's  |  |

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|------------------|-------------------------------|--|---|
| 16th Monday      | Applied Psychology            | X(I)-2   | Theoretical Models and Treatments   |
|                  |                               | X(IX)-2  | Personal Selection  |
|                  | Physics                       | XIII   | Digital Electronics   |
|                  |                               | XVI  | Solid State Physics-II  |
|                  | Political Science             | XI(G-1)  | Defense and Strategic Studies   |
|                  |                               | XI(G-2)  | International Organizations   |
|                  |                               | XI(G-3)  | Public Administration in Pakistan   |
|                  |                               | XI(G-4)  | Specialized Study of Shah Wali Ullah and Iqbal  |
|                  |                               | XI(G-5)  | Specialized Study of Hegel and Marx   |
|                  |                               | XI(G-6)  | Public Administration   |
|                  | Physical Education            | XII(i)   | Administrative and Management of Sports   |
|                  |                               | XII(ii)  | Sports Nutrition  |
|                  | Botany                        | XIX(I)   | Mycorrhiza  |
|                  | Arabic                        | XI(ii)   | Arabic Literature in Indo-Pak (Sub-Continent)   |
|                  | Zoology                       | X  | Special Paper B (Economic Zoology)  |
|                  | English                       | XI   | American Literature   |
|                  | Library & Information Science | X  | Marketing of Library & Information Services   |
|                  | Social Work                   | XIII   | Social Research Methods & Statistics  |
|                  | Saraiki                       | X(ii)  | Cholistani History & Culture  |
|                  | Education                     | 203-A  | Computer Education  |
| 203-B            |                               | Development of Education in Pakistan   |   |
| Pakistan Studies | XIII                          | Local Self Government in Pakistan, 1947-1999                                       |   |
| 17th Tuesday     | International Relations       | IX(ii)   | International Organizations   |
|                  |                               | IX(iii)  | Conflict Resolution   |
|                  | Geography                     | XI   | Regional Study of South Asia  |
|                  | Education                     | 204(i)   | Child Psychology and Pre-School Education   |
|                  |                               | 204(xv)  | Special Education   |
|                  |                               | 205(iii)   | Literacy - Trends and Issues  |
|                  | History                       | VIII(iv)   | History of Islam to the fall of Umayyads  |
|                  |                               | IX(iv)   | History of Muslim Spain   |
|                  | Social Work                   | XIV  | Population Planning   |
|                  | Islamic Studies               | X(i)   | Islamic Laws  |
|                  |                               | X(ii)  | Modern Islamic World  |
|                  |                               | X(iii)   | Ikhlaq-wa-Tassawaf  |
|                  | Persian                       | XI   | Essay Writing   |
|                  | Mathematics                   | 207/302  | Quantum Mechanics / Quantum Mechanics (New Course)  |
|                  |                               | 213/312  | Measure Theory and Integration / Numerical Linear Algebra and Numerical Solution of PDEs (New Course) |
| 218/322          |                               | Non-Linear Optimization / Advanced Group Theory and Continuous Groups (New Course) |   |
| Pakistan Studies | XIV                           | Human Rights in Pakistan   |   |
| 18th Wednesday   | Applied Psychology            | X(I)-3   | Community Mental Health   |
|                  |                               | X(IX)-3  | Organization and Management   |
|                  | Physics                       | XVII   | Plasma Physics  |
|                  | Zoology                       | XI   | Special Paper (Fisheries)   |
|                  | English                       | XII(i)   | Stylistics  |
|                  |                               | XII(ii)  | Short Story   |
|                  | Library & Information Science | XII(i)   | Resource Sharing and Networking in Libraries  |
|                  | History                       | VIII(vi)   | Essay Writing and Objective Common Paper  |
|                  |                               | IX(vi)   | Essay Writing and Objective   |
|                  | Education                     | 204(ii)  | Futurology of Education   |
|                  |                               | 204(xvii)  | Distance Education  |
|                  |                               | 205(iv)  | Adult Literacy Planning in Pakistan   |
|                  | Saraiki                       | X(iii)   | Radio TV Journalism   |
|                  | Social Work                   | XV   | Social Legislation  |
|                  | Mathematics                   | 219/204  | C++ and its application to the Numerical Analysis / Computing Tools for Mathematician (New Course)    |
| Pakistan Studies | XV                            | Civil and Military Bureaucracy in Pakistan, 1947-1999                              |   |

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|------------------|-------------------------|---------------------------------------|--|
| 19th Thursday    | International Relations | IX(vi)                                | Foreign Policy of Pakistan   |
|                  | History                 | VIII(v)                               | History of the Ottoman Turkey                                      |
|                  |                         | IX(v)                                 | History of Modern Turkey   |
|                  | Social Work             | XVI                                   | Medical & Psychiatric Social Work or                               |
|                  |                         | XVII                                  | Women in Development or  |
|                  |                         | XVIII                                 | Human Resource Development & Management                            |
|                  | Education               | 205(XII)                              | Secondary Education  |
|                  |                         | 204(VII)                              | Environmental Education  |
|                  | Persian                 | XII                                   | Arabic Language and Literature                                     |
|                  | Saraiki                 | X(v)                                  | Essay Writing  |
|                  | Mathematics             | 208                                   | Mathematical Physics   |
|                  |                         | 303                                   | Special Theory of Relativity & Electromagnetic Theory (New Course) |
|                  |                         | 313                                   | Operation Research & Optimization Theory (New Course)              |
|                  |                         | 324                                   | Graph Theory & Galois Theory (New Course)                          |
| Pakistan Studies | XVI                     | Essay Writing and Objective Questions |  |

**SPECIAL INSTRUCTIONS FOR THE CANDIDATES  
CANDIDATES ARE REQUIRED TO NOTE THE FOLLOWING INSTRUCTIONS**

1. Roll Number should be written on the right hand top corner of title page of the Answer Book only and not on any other place.
  2. Answer Book number should not be mentioned inside the Answer Book.
  3. No appeal should be made to the Examiner in the Answer Book.
  4. Obscene Language should not be used in the Answer Book.
  5. No one will be allowed to leave the Examination Hall before the first one hour is over. If anyone leaves after the first one hour or before half time is over he/she shall not be allowed to take away the question paper.
  6. Un-authorized change of Centre is strictly prohibited. If anyone will change his center of examination at his/her own, unfair means case will be registered against him/her.
  7. Mobile Phone is not allowed in examination centre.
- UNFAIRMEANS CASES SHALL BE REGISTERED AGAINST THOSE WHO WILL VIOLATE THE ABOVE OR SUCH OTHER INSTRUCTIONS AS ARE ISSUED.**
8. Dates for Viva-Voce, oral and practical examination will be displayed on the website.

**NOTE: All candidates are advised to keep their Original CNIC with them during the Examination and to be produced on the demand of deputed Supervisory Staff/Centre Inspector.**

  
Deputy Controller of Examinations

  
Controller of Examinations

Bahawalpur

Dated: 29-07-2019.