

FEDERAL PUBLIC SERVICE COMMISSION
(Curriculum & Research Wing)

Schemes and Syllabi for Screening/Professional Tests as well as Descriptive Examination
Relating to Posts Advertised under Consolidated Advertisement No. 11/2016

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications for Posts	Test Specification	Topics of Syllabi
1. 2.	234/2016 235/2016	<p>Subject Specialist (Female), Subject Specialist (Male) (BS-17 Plus 25 % Special Pay),</p> <p>A. English (F/M) B. Urdu (F/M) C. Islamiat (F/M) D. Pak. Studies (F/M) E. Education (F/M) F. History (F/M) G. Physics (F/M) H. Mathematics (F/M) I. Chemistry (F/M) J. Botany (F/M) K. Computer Science (F/M) L. Political Science (F/M) M. Home Economics (F) M. Economics (M) N. Health & Physical Education (F/M) O. Sociology (F/M) P. Geography (F/M)</p> <p>Education Department, Gilgit Baltistan, Ministry of Kashmir Affairs and Gilgit Baltistan.</p>	Second Class or Grade 'C' Master's Degree in the relevant subject with B.Ed. (Hons.)/ B.Ed./ M.Ed. or equivalent qualification from a university recognized by the HEC.	<p>Objective Type Test (MCQ)</p> <p>Part-I English = 20 marks</p> <p>Part-II Subject Test = 50 marks</p> <p>Part-III Professional Test = 30 marks</p> <p>Note:</p> <ul style="list-style-type: none"> ▪ In Language Subjects (i.e Urdu and English), English part for 20 marks will not be included. There will be 70% subject Test and 30% Professional Test. ▪ In the subject of Education, there will be 20% English Test and 80% Subject Test. 	<p>For A (English) Part-I (Master's Level) (70 Marks)</p> <ul style="list-style-type: none"> • English Literature 16th to 20th Century. • Vocabulary • Structuring of sentences. • Linguistics. • English Language Teaching. • Grammar. • Syntax. • Diction. <p>Part-II (30 Marks)</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan.

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					<p>For B (Urdu)</p> <p>Part-I (Master's Level) (70 Marks)</p> <p>☆ اردو ذخیرہ الفاظ ☆ ☆ اردو جملے کا ڈھانچہ ☆ ☆ اردو قواعد کا استعمال ☆ ☆ لسانیات ☆ ☆ انیسویں اور بیسویں صدی کا اردو ادب اور اس کا تنقیدی جائزہ ☆ ☆ اردو ادب کی نثری اصناف کا تحقیقی جائزہ ☆ ☆ اردو ادب کی شعری اصناف کا تحقیقی جائزہ ☆ ☆ غالیات ☆ ☆ اقبالیات ☆</p> <p>Part-II (30 Marks)</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan.
					<p>For C (Islamiat)</p> <p>Part-I Vocabulary, Grammar usage, Sentence Structuring</p> <p>Part-II (Masters Level)</p> <p>☆ قرآن کا بنیادی مضمون / متن ☆ ☆ حدیث: حدیث کی صحت کو جانچنے کا معیار ☆ ☆ سیرت النبی ﷺ ☆ ☆ فقہ: چار مکتبہ اختلاف رائے اور عصر حاضر کے تناظر ☆ ☆ عربی کی تفریح- ☆ ☆ عقائد و اخلاقیات ☆ ☆ تاریخ اسلام ☆</p> <p>Part-III</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications for Posts	Test Specification	Topics of Syllabi
					<p><u>For D (Pakistan Studies)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring.</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Ideology of Pakistan, • Pakistan Movement • Personalities in Pakistan Movement • Current Issues of Pakistan, • Geography of Pakistan, • Constitutional History of Pakistan, • Language and Cultural Heritage of Pakistan, • Natural Resources of Pakistan, • Economic Development of Pakistan, • Pakistan and Islamic World, • Pakistan's Relations with UNO and its Agencies, • Current Affairs of Pakistan and its Neighbouring Countries. (China, India, Iran and Afghanistan) <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan <p><u>For E (Education)</u></p> <p><u>Part-I (20 marks)</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (80 marks)</u></p> <ul style="list-style-type: none"> • Aims of Education in Pakistan, • Educational Reforms in Pakistan, • Philosophy of Education, • Sociology of Education, • Educational Psychology, • Educational Guidance & Counselling, • Educational Planning & Management, • Educational Administration and Supervision, • Curriculum Development & Instructions, • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan

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					<p><u>For F (History)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Islamic History (The Prophet, Khulafa-i-Rashidin & the Ummayyads) • Islamic Culture, Civilization and Institutions • History of Indo-Pak Sub-continent • Muslim Freedom Movement in India (1857-1947) • Emergence of Pakistan and Afterwards • Important Personalities regarding Pakistan Movement. • Research Methodology & Philosophy of History <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan <p><u>For G (Physics)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Heat and Thermodynamics, • Waves and Optics, • Electrostatic, • Electricity and Magnetism, • Atomic and Modern Physics, • Nuclear Physics, • Basic Solid State Physics, • Basic Electronics, • Electrodynamics, • Mechanics <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan

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					<p><u>For H (Mathematics)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Calculus/Differentiation, Integration, Limits of continuity • Discrete Structures/Discrete Mathematics, • Communication Skills for Mathematicians, • Computing Tools for Mathematicians, • Classical Mechanics, • Mathematical Statistics, • Real Analysis, • Mathematical Spaces (Sets, Vector Spaces, Metric Spaces, topological spaces Tensors, • Differential Equations. <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan. <hr/> <p><u>For I (Chemistry)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Chemical Kinetics, • Chemical Equilibrium, • Quantum Theory of Atom, • Synthetic Chemistry & Polymers, • Reaction mechanism, • Green Chemistry, • Spectroscopy, • Nano Technology, • Colloidal State. <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan

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					<p><u>For J (Botany)</u> <u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Algae, • Fungi, • Bryophytes • Pteridophytes, • Gymnosperms, • Angiosperms, • Plant Physiology, • Ecology, • Cytology, • Genetics, • Evolution <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan. <p><u>For K (Computer Science)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Computer Hardware/Software, • Data Communication & Networking, • C/C++ Language, • Visual Basic, • Operating System Unix/Linux • Windows XP, 2000, • Oracle/PLSQL, • System Analysis & Design. • Web Programming, <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan

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					<p><u>For L (Political Science)</u> <u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring <u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Western Political Thought • Muslim Political Thought • State System • Political Institutions and Role of Government • Political Ideologies • Government and Politics in Pakistan • History of International Relations: Post World War-II Period. • Local Government System in Pakistan, • Ideology and Dynamics of Politics in Pakistan. <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan <p><u>For M (Home Economics) (For Females only)</u> <u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring <u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Introduction to Home Economics • Fundamentals of Food and Nutrition • Meal Management & Food Preservation • Home Management • Childhood and Adolescent Development and their Guidance • Family & Community Development • Introduction to Art and Design • Home Nursing • Textiles and Clothing • Clothing and Consumer Education <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan

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					<p><u>For M (Economics) (For Males Only)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring.</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Micro Economics, • Macro Economics, • International Trade, • Economics Development, • WTO and Developing Economies, • Monetary Theory & Public Finance, • Agriculture Development in Pakistan • Industrial Development in Pakistan • Energy Crises and Policy in Pakistan • Interest Free Banking in Pakistan <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan <p><u>For N (Health and Physical Education)</u></p> <p><u>Part-I</u> Vocabulary, Grammar Usage, Sentence Structuring.</p> <p><u>Part-II (Masters Level)</u></p> <ul style="list-style-type: none"> • Philosophy of Physical Education, • Curriculum of Physical Education, • Psychology of Physical Education, • Measurement & Evaluation, • Rules of all games, • Rules of all Athletic events, • Recreation, • Audio Visual aid, • Athletic Injuries, • Handicap Sports Organization <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan

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					<p>For O (Sociology)</p> <p>Part-I Vocabulary, Grammar Usage, Sentence Structuring</p> <p>Part-II (Masters Level)</p> <ul style="list-style-type: none"> • Culture & Society, • Sociological Theory, • Methods of Sociological Research, • Social Institutions • Mechanism of Social Control • Social and Cultural Change & Social Policy. • Community organization and development • Social Problems in Pakistan <p>Part-III</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan <hr/> <p>For P (Geography)</p> <p>Part-I Vocabulary, Grammar Usage, Sentence Structuring</p> <p>Part-II (Masters Level)</p> <ul style="list-style-type: none"> • Geographic Thoughts, • Regional Geography, • Geography of Pakistan, • Human Geography, • Economic Geography, • Statistical Geography, • Principles of Cartography, • Climatology/Metrology, • Oceanography, • Environmental Geography, • GIS Techniques, • Geomorphology <p>Part-III</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Development of Education in Pakistan.