

**FEDERAL PUBLIC SERVICE COMMISSION
(Curriculum & Research Wing)**

**Schemes and Syllabi for Screening/Professional MCQ Tests
Relating to Posts Advertised under Consolidated Advertisement No. 02/2026**

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
1.	64/2026	Fire Officer (BS-16) , Naval Headquarters, Ministry of Defence.	B.E (Mechanical/ Electrical/ Chemical/ Civil) from a University recognized by the PEC. OR BS (Physical Sciences/ Applied Sciences) from University recognized by the HEC. OR i. DAE (Mechanical/ Electrical/ Construction/ Civil) from a recognized Institution with two (2) years post qualification experience in relevant field including Fire Fighting/ Management Services. ii. One year certificate in Fire Fighting.	Part-I English = 20 marks Part-II General Intelligence Test=80 marks	Part-I Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> ▪ General Knowledge, ▪ Everyday Science ▪ Basic Arithmetic <ul style="list-style-type: none"> ▪ Algebra ▪ Ratios ▪ Percentages ▪ Arithmetic Means ▪ Current Affairs. <ul style="list-style-type: none"> ▪ Developments at National and International Levels in the last 5 years. ▪ Basic principles of Fire Fighting
2.	65/2026	Assistant Manager Personnel and Administration Department (BS-16) , Naval Headquarters, Ministry Of Defence	i. Second Class or Grade 'C' Bachelor's degree with Business Administration. ii. Three (3) years post qualification experience in Establishment matters.	Part-I English = 20 marks Part-II Professional Test=80 Marks	Part-I Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> ▪ Principles of Management ▪ Human Resource Planning, ▪ Recruitment & Selection, ▪ Civil Servants Act, 1973 and Rules made thereunder ▪ Rules of Business, 1973 ▪ Basic IT knowledge. ▪ Basic Arithmetic, ▪ Public Procurement Rules, 2004 ▪ Financial Management and Powers of Principal Accounting Officers Regulations, 2021

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3.	68/2026	3RD Engineer (Electronics) (BS-17), Naval Headquarters, Ministry of Defence	i. At least Second Class or Grade 'C' Bachelor of Engineering (Electronics) or equivalent qualification from a University recognized by HEC / PEC. ii. One year post qualification experience in the field of repairs of multi-layer printed Circuit Board / Use of specialized Diagnostic test equipment / handing of Programmable ICs from Private / Public Sector Organization. iii. Valid Registration of PEC.	Part-I English = 20 marks Part-II Professional Test=80 marks	Part-I Vocabulary, Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> ▪ Active/passive components testing ▪ Knowledge of Microcontrollers and microprocessors ▪ AC and DC converter, RF, Microwave and associated components ▪ Knowledge of Battery, Chargers and Rectifiers ▪ Knowledge of variable frequency Dives (VFD) switches and relays ▪ Usage of Test Measurement and Diagnostic Equipments
4.	69/2026	Assistant Armament Supply Officer (BS-16), Naval HQs, Ministry of Defence	i. Second Class or Grade 'C' Bachelor's degree in Science with Physics / Chemistry. ii. Three (3) years post qualification experience in Ammunition matters. OR Master's degree in Physics/ Chemistry.	Part-I English = 20 marks Part-II General Science Test = 80 marks	Part-I Grammar Usage, Sentence Structuring Part-II Physics: <ul style="list-style-type: none"> • Heat & Thermodynamics, • Electrostatics, • Electromagnetism, • Motion & Force, • Work, Energy, • Sound, • Gravitational Force, Chemistry: <ul style="list-style-type: none"> • Metallurgy, • Thermodynamics, • Nature, Properties and States of Matter, • Gases, Liquids & Solids, • Organic Chemistry

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5.	72/2026	Assistant Director (BS-17), National Library of Pakistan, National Heritage and Culture Division	i. Second Class or Grade 'C' Master's Degree in Library Science or Library and Information Science or equivalent qualification from a University recognized by HEC. ii. Two (2) years post qualification experience in the relevant field.	Part-I English = 20 marks Part-II Professional Test=80 marks	Part-I Vocabulary, Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> ▪ Information Sources and Services ▪ Cataloguing: Theory and Practice ▪ Procurement and Maintenance of Library Books ▪ Library Automation/Information Storage & Retrieval ▪ Research Methods & Techniques for Librarians ▪ Public Records, Rare Material & their Conservation ▪ Management of Serials Publications ▪ Rules & Procedure regarding Write Off the Library Losses
6.	74/2026	Lecturer (BS-17), A. English B. Human Resource Management Junior Naval Academy / PN Cadet College, Ormara, Naval Headquarters, Ministry of Defence	Second Class or Grade 'C' Master's Degree in relevant subject.	Part-I English = 20 marks Part-II Subject Test = 50 marks Part-III Professional Test = 30 marks	For (A) English Part-I Vocabulary, Grammar Usage, Sentence Structuring. Part-II (Masters Level) <ul style="list-style-type: none"> • English Literature 16th to 20th Century. • Pakistani English Literature • Modern English Literature • Linguistics. • English Language Teaching. • Syntax. • Diction. Part-III <ul style="list-style-type: none"> ▪ Teaching Techniques and Methodology, ▪ Classroom Management and Discipline, ▪ Testing and Evaluation, ▪ Knowledge of Bloom's Taxonomy For (B) Human Resource Management Part-I Vocabulary, Grammar Usage, Sentence Structuring. Part-II (Masters Level) <ul style="list-style-type: none"> ▪ Introduction to HRM ▪ Human Resource Planning (HRP) ▪ Job Analysis and Design. ▪ Recruitment and Selection. ▪ Training and Development. ▪ Performance Management.

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					<ul style="list-style-type: none"> ▪ Strategic HRM (SHRM) ▪ HR Analytics and Technology ▪ Organizational Behavior (OB). ▪ Diversity and Inclusion. ▪ Change Management <p>Part-III</p> <ul style="list-style-type: none"> ▪ Teaching Techniques and Methodology, ▪ Classroom Management and Discipline, ▪ Testing and Evaluation, ▪ Knowledge of Bloom's Taxonomy
7.	76/2026	Security Officer (BS-17), Pakistan Mint, Lahore, Finance Division.	i Second Class or Grade 'C' Master's degree from a university recognized by the HEC. ii Two (2) years post qualification experience in security matters. OR Ex-Commissioned/ Gazetted Officer from Army/Civil Law Enforcement Agencies with two (2) years' experience.	<p>Part-I</p> <p>English = 20 marks</p> <p>Part-II</p> <p>General Intelligence/ Professional Test=80 marks</p>	<p>Part-I</p> <p>Vocabulary, Grammar Usage, Sentence Structuring.</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Basic Arithmetic <ul style="list-style-type: none"> – Algebra – Ratios – Percentages – Arithmetic Means ▪ Current Affairs. <ul style="list-style-type: none"> – Issues/Challenges at National and International Level during the last 5 years ▪ Pakistan Affairs <ul style="list-style-type: none"> – Basic Level knowledge ▪ Basic Computer Operation in MS Office ▪ Security Measures to Maintain Law & Order
8.	78/2026	Labour Officer (BS-16), Pakistan Mint, Lahore, Ministry of Finance	Law Graduate.	<p>Part-I</p> <p>English = 20 marks</p> <p>Part-II</p> <p>Professional Test=80 marks</p>	<p>Part-I</p> <p>Grammar Usage, Sentence Structuring.</p> <p>Part-II</p> <ul style="list-style-type: none"> • Core courses of LL.B. Degree • Factories Act, 1934 and labour laws • Pakistan Factory Canteen Rules • Knowledge about International Labour Organization (ILO) • ILO core Labour Conventions • International Labour Standards

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9.	80/2026	Data Processing Assistant (BS-16) , Federal Public Service Commission.	Second Class or Grade 'C' Bachelor's Degree (16 years) in Computer Science or Information Technology or equivalent qualification from a University recognized by the HEC.	<p>Part-I English = 20 marks</p> <p>Part-II Professional Test=80 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • Arithmetic Logical Unit, Memory (RAM, ROM) Types of RAM, Ports, etc. • Input and Output Devices, • Use of Microsoft Office (MS Word, MS Excel only) • Application and System Software, • Electronic Data Processing • Management Information System • Storage and Multimedia, • Network & Security Issues, • Relational Database Management System (RDBMS), • Basics of Artificial Intelligence
10.	81/2026	Data Processing Assistant (BS-16) , National Archives of Pakistan, Cabinet Division.	Second Class or Grade 'C' Master's / BS / Bachelor's (16 years education) degree in Information Technology / Computer Science / Data Science / Software Engineering / Computer System Engineering / Computer Engineering or equivalent qualification from a University recognized by the HEC / PEC.	<p>Part-I English = 20 marks</p> <p>Part-II Professional Test=80 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • Arithmetic Logical Unit, Memory (RAM, ROM) Types of RAM, Ports, etc. • Input and Output Devices, • Use of Microsoft Office (MS Word, MS Excel only) • Application and System Software, • Electronic Data Processing • Management Information System • Storage and Multimedia, • Network & Security Issues, • Relational Database Management System (RDBMS), • Basics of Artificial Intelligence

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11.	83/2026	Ordnance Management Officer, Grade-III (OMO) (BS-17), OS Directorate, GHQ, Ministry of Defence	Second Class or Grade 'C' Master's Degree (16-years schooling) in Business Administration (Banking / Finance / Accounts) / Commerce / ICMA or equivalent qualification from a University recognized by the HEC.	<p>Part-I English =20 marks</p> <p>Part-II Mathematics & Accounting=20 marks</p> <p>Part-III Professional Test=60 marks</p>	<p>Part-I Vocabulary, Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Basic Arithmetic <ul style="list-style-type: none"> – Ratios – Percentages – Arithmetic Means ▪ Basic Accounting <p>Part-III</p> <ul style="list-style-type: none"> ▪ Knowledge of I.T. ▪ Inventory Tracking & Auditing ▪ Controlling, verifying & Reporting Stock ▪ Warehouse layout ▪ Fire Fighting <ul style="list-style-type: none"> – Classification of fires – Principles of heat transmission and Fire spread. – Common causes & consequences of fire – Various fire prevention methods ▪ Care and preservation of Arms, Ammunition etc.
12.	84/2026	Junior Ordnance Management Officer (JOMO) (BS-16), OS Directorate, GHQ, Ministry of Defence	<p>i Second Class or Grade 'C' Bachelor's degree (14-years) or equivalent from a University recognized by HEC.</p> <p>ii Two (2) years post qualification experience in Store Management.</p>	<p>Part-I English =20 marks</p> <p>Part-II General Intelligence/ Professional Test=80 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Basic Arithmetic <ul style="list-style-type: none"> – Algebra – Ratios – Percentages – Arithmetic Means ▪ Current Affairs. <ul style="list-style-type: none"> – Issues/Challenges at National and International Level during the last 5 years ▪ Pakistan Affairs <ul style="list-style-type: none"> – Basic Level knowledge ▪ Basic Computer Operation in MS Office ▪ Inventory Tracking & Auditing ▪ Controlling, verifying & Reporting Stock ▪ Warehouse layout

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13.	85/2026	Junior Security Officer (JCSO) (BS-16), OS Directorate, GHQ, Ministry of Defence	Retired JCO or equivalent of the Armed Forces. OR (i) Second Class or Grade 'C' Bachelor's degree (14-years education) or equivalent qualification from a University recognized by HEC. (ii) Two (2) years post qualification experience as Security Supervisor.	Objective Type Test (MCQ) Part-I English = 20 marks Part-II General Intelligence/ Professional Test = 80 marks	Part-I Grammar usage, Sentence Structuring. Part-II <ul style="list-style-type: none"> • Basic Arithmetic <ul style="list-style-type: none"> – Algebra – Ratios – Percentages – Arithmetic Means • Current Affairs. <ul style="list-style-type: none"> – Developments at National and International Levels in the last 5 years • Modern Law Enforcement • Modern Crime Prevention System • Security Measures to Maintain Law & Order
14.	86/2026	Senior Elementary Teacher (Male) (BS-16), A. Biology / Zoology / Botany B. Chemistry C. Computer Science D. Education E. English F. Islamiyat G. Mathematics H. Pak Studies I. Physics Islamabad Model Schools (Ex-F.G Schools), Federal Directorate of Education, Ministry of Federal Education and Professional Training	Second Class or Grade 'C' Master's Degree / Bachelor's degree (4 years duration) in relevant subject with Second Class or Grade 'C' M.Ed. / B.Ed. / B.Ed. (Hons) / Associate Diploma in Education or equivalent qualification from a University recognized by HEC.	Part-I English =20 marks Part-II Subject Test=40 marks Part-III Professional Test=40 marks Note: In Education, there will be two parts i.e. English 20% and Education 80%.	For (A) Biology/Zoology/Botany Part-I Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> ▪ Theories of Evolution, ▪ Nucleic Acids, ▪ Cell Division, ▪ Nutrition, ▪ Ecosystem, ▪ Division of Plants ▪ Bryophytes & Pteridophytes, ▪ Gymnosperms, Angiosperms, ▪ Ecology, Cytology, Genetics, ▪ Eco System, ▪ Classification of Fish, Reptiles, Mammals, Mollusks, Edinodermata, ▪ Membrane System, ▪ Mammalian Gametogenesis and Fertilization, ▪ Mendelian laws of inheritance, Part-III <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling.

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					<p><u>For (B) Chemistry</u></p> <p><u>Part-I</u> Grammar Usage, Sentence Structuring</p> <p><u>Part-II</u></p> <ul style="list-style-type: none"> ▪ Nature, Properties & States of Matter, ▪ Electronic Structure, ▪ Bonding, ▪ Chemical Kinetics & Radioactivity, ▪ Synthetic Chemistry ▪ Polymers, ▪ Reaction Mechanism (electrophilic & nucleophilic substitution and addition reaction) ▪ Inorganic Chemistry, ▪ Thermodynamics, ▪ Electrochemistry, <p><u>Part-III</u></p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling. <p><u>For (C) Computer Science</u></p> <p><u>Part-I</u> Grammar Usage, Sentence Structuring</p> <p><u>Part-II</u></p> <ul style="list-style-type: none"> ▪ Computer Hardware/Software, ▪ Data Communication & Networking, ▪ Programming Languages including C++, Visual Basic, Python etc. ▪ Operating System Unix/Linux ▪ Windows 10/11, ▪ Oracle/PLSQL, ▪ System Analysis & Design. ▪ Web Programming, ▪ Basics of Artificial Intelligence

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					<p><u>Part-III</u></p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling. <p><u>For (D) Education</u></p> <p><u>Part-I (20 Marks)</u></p> <p>Grammar Usage, Sentence Structuring</p> <p><u>Part-II Education (80 Marks)</u></p> <ul style="list-style-type: none"> ▪ Educational Process ▪ Role of education in Nation Building, National cohesion and integration, Character building, Human resource development, World peace and prosperity ▪ Philosophical & Psychological Foundations of Education ▪ Islamic Concept of Education ▪ Process of Teaching and Teaching Strategies ▪ Education Assessment and Evaluation ▪ Distinction between Assessment, Evaluation and Measurement ▪ Types of Test: Essay Type; Objective Type: Multiple Choice, True-False Items, Matching Type; Principles of Construction of these Test ▪ Characteristics of a Good Test: Validity, Reliability, Objectivity, Usability ▪ Education Administration and Supervision ▪ Agencies and Organizations promoting Education in Pakistan

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					<p>For (E) English</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • English Literature 16th to 20th Century. • Pakistani English Literature • Modern English Literature • Linguistics. • English Language Teaching. • Syntax. • Diction. <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling.
					<p>For (F) Islamiyat</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <p style="text-align: right;"> قرآن کا بنیادی موضوع / متن ☆ سیرت النبی ﷺ ☆ فقہ: جامعیت، اختلاف رائے اور عصر حاضر کے تناظر میں مذہب کی تشریح۔ ☆ تعارف اسلام ☆ انسانی زندگی میں دین کی اہمیت ☆ اسلام کے نمایاں پہلو ☆ اسلامی عقائد کے انفرادی اور اجتماعی اثرات ☆ انسانی حقوق۔ اسلام کی نظر میں ☆ اسلام اور عصر حاضر کے چیلنجز ☆ اسلامی نظام حکمرانی کا ڈھانچہ ☆ سرکاری ملازمین کی ذمہ داریاں ☆ اسلامی ضابطہ حیات ☆ </p>

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					<p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling. <p>For (G) Mathematics</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Calculus/Differentiation, Integration, Limits of continuity ▪ General Theorems (Rolle's Theorem, Mean Value Theorem) ▪ Areas and Volumes, centre of Mass ▪ Computing Tools for Mathematicians, ▪ Mathematical Statistics, ▪ Mathematical Spaces (Sets, Vector Spaces, Metric Spaces, topological spaces) ▪ Differential Equations. <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling. <p>For (H) Pak. Studies</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • Ideology of Pakistan in light of speeches and statements of Allama Iqbal and Quaid-e-Azam • Pakistan Movement 1857-1947 • Current Issues of Pakistan (challenges to National Security, Economic Challenges, Pakistan's War on Terror, • Geography of Pakistan

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					<ul style="list-style-type: none"> ✓ Land and People of Pakistan ✓ Pakistan and CPEC ✓ Natural Resources of Pakistan, • Latest Constitutional Amendments, <p><u>Part-III</u></p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling. <p><u>For (I) Physics</u></p> <p><u>Part-I</u> Grammar Usage, Sentence Structuring</p> <p><u>Part-II</u></p> <ul style="list-style-type: none"> ▪ Mechanics ▪ Heat and Thermodynamics, ▪ Waves and Optics, ▪ Electrostatic, ▪ Electricity and Magnetism, ▪ Modern and Quantum Physics, ▪ Nuclear Physics, ▪ Basic Solid State Physics, <p><u>Part-III</u></p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling.

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15.	87/2026	<p>Senior Elementary Teacher (Female) (BS-16), (A) Biology / Zoology / Botany (B) Chemistry (C) Computer Science (D) English (E) Mathematics (F) Physics (G) Urdu Islamabad Model Schools (Ex-F.G Schools), Federal Directorate of Education, Ministry of Federal Education and Professional Training</p>	<p>Second Class or Grade 'C' Master's Degree / Bachelor's degree (4 years duration) in relevant subject with Second Class or Grade 'C' M.Ed. / B.Ed. / B.Ed. (Hons) / Associate Diploma in Education or equivalent qualification from a University recognized by HEC.</p>	<p>Part-I English =20 marks</p> <p>Part-II Subject Test=40 marks</p> <p>Part-III Professional Test=40 marks</p> <p>Note: In Language Subject (i.e Urdu), English part for 20 marks will not be included. There will be 60% subject Test and 40% Professional Test.</p>	<p>For (A) Biology/Zoology/Botany</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Theories of Evolution, ▪ Nucleic Acids, ▪ Cell Division, ▪ Nutrition, ▪ Ecosystem, ▪ Division of Plants ▪ Bryophytes & Pteridophytes, ▪ Gymnosperms, Angiosperms, ▪ Ecology, Cytology, Genetics, ▪ Eco System, ▪ Classification of Fish, Reptiles, Mammals, Mollusks, Edinodermata, ▪ Membrane System, ▪ Mammalian Gametogenesis and Fertilization, ▪ Mendelian laws of inheritance, <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling. <p>For (B) Chemistry</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Nature, Properties & States of Matter, ▪ Electronic Structure, ▪ Bonding, ▪ Chemical Kinetics & Radioactivity, ▪ Synthetic Chemistry ▪ Polymers, ▪ Reaction Mechanism (electrophilic & nucleophilic substitution and addition reaction) ▪ Inorganic Chemistry, ▪ Thermodynamics,

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					<ul style="list-style-type: none"> ▪ Electrochemistry, <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling. <p>For (C) Computer Science</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Computer Hardware/Software, ▪ Data Communication & Networking, ▪ C/C++ Language, ▪ Visual Basic, ▪ Operating System Unix/Linux ▪ Windows 10/11, ▪ Oracle/PLSQL, ▪ System Analysis & Design. ▪ Web Programming, <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling. <p>For (D) English</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • English Literature 16th to 20th Century. • Pakistani English Literature • Modern English Literature • Linguistics. • English Language Teaching. • Syntax. • Diction.

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					<p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling. <p>For (E) Mathematics</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Calculus/Differentiation, Integration, Limits of continuity ▪ General Theorems (Rolle's Theorem, Mean Value Theorem) ▪ Areas and Volumes, centre of Mass ▪ Computing Tools for Mathematicians, ▪ Mathematical Statistics, ▪ Mathematical Spaces (Sets, Vector Spaces, Metric Spaces, topological spaces) ▪ Differential Equations. <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling. <p>For (F) Physics</p> <p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Mechanics ▪ Heat and Thermodynamics, ▪ Waves and Optics, ▪ Electrostatic, ▪ Electricity and Magnetism, ▪ Modern and Quantum Physics, ▪ Nuclear Physics, ▪ Basic Solid State Physics,

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					<p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling. <p>For (G) Urdu</p> <p>Part-I (60 Marks)</p> <ul style="list-style-type: none"> ● اردو ذخیرہ الفاظ ● اردو جملے کا ڈھانچہ ● اردو قواعد کا استعمال ● لسانیات ● غالبیات ● اقبالیات ● تنقید ● طنز و مزاح ● نثر ● ناول <p>Part-II (40 Marks)</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System, ▪ Educational Guidance and Counselling.

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
16.	88/2026	Senior Elementary Teacher (Drawing) (Female) (BS-16), Islamabad Model Schools (Ex-F.G Schools), Federal Directorate of Education, Ministry of Federal Education and Professional Training	Second Class or Grade 'C' Master's Degree / Bachelor's degree (4 years duration) in Fine Arts / Painting / Art and Design / Art and Craft with Second Class or Grade 'C' M.Ed / B.Ed. / B.Ed. (Hons) / Associate Diploma in Education or equivalent qualification from a University recognized by HEC.	<p>Part-I English =20 marks</p> <p>Part-II Subject Test=40 marks</p> <p>Part-III Professional Test=40 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Drawing & Design Theory ▪ Free Hand Sketches and Projected Measured Drawings ▪ Technical Drawings and Diagrammatic Illustrations ▪ Painting: Basic elements of Art, concepts, media and formats and the ability to apply them to their aesthetic intent. ▪ Printmaking: Basic elements of art and design principles, concepts, media, and formats. <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling.
17.	89/2026	Senior Elementary Teacher (Physical) (Male) (BS-16), Ex-F.G Schools, Federal Directorate of Education, Ministry of Federal Education and Professional Training	Second Class or Grade 'C' Master's degree / Bachelor's degree (4 years duration) in Physical Education with Second Class or Grade 'C' M.Ed. / B.Ed. / B.Ed. (Hons) / Associate Diploma in Education or equivalent qualification from a University recognized by HEC	<p>Part-I English = 20 marks</p> <p>Part-II Subject Test = 40 marks</p> <p>Part-III Professional Test = 40 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II (Master's Level)</p> <ul style="list-style-type: none"> ▪ Philosophy of Physical Education, ▪ Psychology of Physical Education, ▪ Rules of games ▪ Basics of Human Anatomy ▪ Administration and Management in Sports, ▪ Sports Nutrition, ▪ Trauma and Rehabilitation, ▪ Research Methodology in Physical Education ▪ Test, Measurement and Evaluation in Physical Education & Sports ▪ Sports Injuries, ▪ Sports with physical disabilities <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling.

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
18.	90/2026	Senior Elementary Teacher (Physical) (Female) (BS-16), Ex-F.G Schools, Federal Directorate of Education, Ministry of Federal Education and Professional Training	Second Class or Grade 'C' Master's degree / Bachelor's degree (4 years duration) in Physical Education with Second Class or Grade 'C' M.Ed. / B.Ed. / B.Ed. (Hons) / Associate Diploma in Education or equivalent qualification from a University recognized by HEC	<p>Part-I English = 20 marks</p> <p>Part-II Subject Test = 40 marks</p> <p>Part-III Professional Test = 40 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II (Master's Level)</p> <ul style="list-style-type: none"> ▪ Philosophy of Physical Education, ▪ Psychology of Physical Education, ▪ Rules of games ▪ Basics of Human Anatomy ▪ Administration and Management in Sports, ▪ Sports Nutrition, ▪ Trauma and Rehabilitation, ▪ Research Methodology in Physical Education ▪ Test, Measurement and Evaluation in Physical Education & Sports ▪ Sports Injuries, ▪ Sports with physical disabilities <p>Part-III</p> <ul style="list-style-type: none"> ▪ Education System in Pakistan, ▪ Educational Psychology, ▪ Class Room Management and Discipline, ▪ Instructional Planning and Teaching Strategies, ▪ Students Evaluation and Examination System ▪ Educational Guidance and Counselling.
19.	92/2026	Head Nurse (BS-17), Pakistan Institute of Medical Sciences (PIMS), Islamabad, M/O National Health Services, Regulations & Coordination	Bachelor's degree in Nursing or equivalent qualification recognized by the Pakistan nursing Council.	<p>Part-I English = 20 marks</p> <p>Part-II Professional Test=80 Marks</p>	<p>Part-I Vocabulary, Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Basic Medical Sciences ▪ General Nursing ▪ Ward Administration ▪ Hospitality of the Patients ▪ Care vs. Cure for Health Management ▪ Developing Training & Instructional Materials for Nursing Courses.

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
20.	93/2026	Lecturer (Male) (BS-17) A Chemistry B Computer Science C English D Pak Studies E Psychology F Urdu Islamabad Model Colleges, (Ex-F.G Colleges), Federal Directorate of Education, Ministry of Federal Education and Professional Training	Second Class or Grade 'C' Master's degree (16-years education) or equivalent in the relevant subject.	Part-I English = 20 marks Part-II Subject Test = 50 marks Part-III Professional Test=30 marks Note: ▪ In Urdu , English part for 20 marks will not be included. There will be 70% subject Test and 30% Professional Test.	For (A) Chemistry Part-I Vocabulary, Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> • Nature, Properties & States of Matter, • Electronic Structure, • Bonding, • Chemical Kinetics & Radioactivity, • Synthetic Chemistry • Polymers, • Reaction Mechanism (electrophilic & nucleophilic substitution and addition reaction) • Inorganic Chemistry, • Thermodynamics, • Electrochemistry, Part-III <ul style="list-style-type: none"> • Education System in Pakistan, • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Knowledge of Bloom's Taxonomy For (B) Computer Science Part-I Vocabulary, Grammar Usage, Sentence Structuring Part-II (Masters Level) <ul style="list-style-type: none"> ▪ Computer Hardware/Software, ▪ Data Communication & Networking, ▪ Programming Languages including C++, Visual Basic, Python etc. ▪ Operating System Unix/Linux ▪ Windows 10/11, ▪ Oracle/PLSQL, ▪ System Analysis & Design. ▪ Web Programming, ▪ Basics of Artificial Intelligence

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
					<p>Part-III</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology, • Classroom Management and Discipline, • Testing and Evaluation, • Knowledge of Bloom's Taxonomy <p>For (C) English</p> <p>Part-I Vocabulary, Grammar Usage, Sentence Structuring.</p> <p>Part-II (Masters Level)</p> <ul style="list-style-type: none"> • English Literature 16th to 20th Century. • Pakistani English Literature • Modern English Literature • Linguistics. • English Language Teaching. • Syntax. • Diction. <p>Part-III</p> <ul style="list-style-type: none"> ▪ Teaching Techniques and Methodology, ▪ Classroom Management and Discipline, ▪ Testing and Evaluation, ▪ Knowledge of Bloom's Taxonomy

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the 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 in light of speeches and statements of Allama Iqbal and Quaid-e-Azam • Pakistan Movement 1857-1947 • Current Issues of Pakistan (challenges to National Security, Economic Challenges, Pakistan's War on Terror, • Geography of Pakistan <ul style="list-style-type: none"> ✓ Land and People of Pakistan ✓ Pakistan and CPEC ✓ Natural Resources of Pakistan, • Latest Constitutional Amendments, <p><u>Part-III</u></p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Knowledge of Bloom's Taxonomy
					<p><u>For (E) Psychology</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"> ▪ Nature and Scope of Psychology ▪ Biological basis of Behaviour ▪ Developmental Psychology ▪ Social Psychology ▪ Educational Psychology ▪ Counselling Psychology ▪ Abnormal and Clinical Psychology ▪ Organizational/Industrial Psychology ▪ Forensic Psychology ▪ Psychological Testing and Assessment ▪ Research Methodology <p><u>Part-III</u></p> <ul style="list-style-type: none"> ▪ Teaching Techniques and Methodology ▪ Classroom Management and Discipline ▪ Testing and Evaluation ▪ Knowledge of Bloom's Taxonomy

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
					<p>For (F) Urdu</p> <p>Part-I (Masters Level) (70 Marks)</p> <ul style="list-style-type: none"> • اردو ذخیرہ الفاظ • اردو جملے کا ڈھانچہ • اردو قواعد کا استعمال • لسانیات • غالبیات • اقبالیات • تنقید • طنز و مزاح • نثر • ناول <p>Part-II (30 Marks)</p> <ul style="list-style-type: none"> • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Knowledge of Bloom's Taxonomy
21.	96/2026	Librarian (Female) (BS-17), Islamabad Model Schools (Ex-F.G Schools), Federal Directorate of Education (FDE), M/O Federal Education and Professional Training.	Second Class or Grade 'C' Master's degree (16-years schooling) in Library Science/ Library and Information Science or equivalent qualification from a University recognized by HEC. OR i. Second Class or Grade 'C' Bachelor's degree (14-years) with Diploma in Library Science of equivalent qualification from a University recognized by HEC. ii. Two (2) years post qualification experience in the relevant field.	Part-I English = 20 marks Part-II Professional Test=80 marks	<p>Part-I Vocabulary, Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • Information Sources and Services • Cataloguing: Theory and Practice • Procurement and Maintenance of Library Books • Library Automation/Information Storage & Retrieval • Research Methods & Techniques for Librarians • Public Records, Rare Material & their Conservation • Management of Serials Publications • Rules & Procedure regarding Write Off the Library Losses
22.	97/2026	Librarian (Male) (BS-17), Islamabad Model Schools (Ex-F.G Schools), Federal Directorate of Education (FDE), M/O Federal Education & Professional Training.			

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
23.	98/2026	Accountant (BS-16), Islamabad Model Colleges, Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training.	<p>i Second Class or Grade 'C' Master's degree (16-years schooling) in Business Administration (Finance / Accounting) / Economics / Commerce or equivalent qualification from a University recognized by HEC.</p> <p>OR</p> <p>Second Class or Grade 'C' Bachelor's degree (14-years) in Business Administration (Finance / Accounting) / Commerce or equivalent qualification from a University recognized by HEC.</p> <p>ii Two (2) years post qualification experience in the field of Accounting / Auditing.</p>	<p>Part-I English = 20 marks</p> <p>Part-II Professional Test=80 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Accounting Principles & Procedures, ▪ Scrutiny of Record for Audit Purposes, ▪ Journal, Ledger & Cash Book, ▪ Preparation of Annual Budget, ▪ Adjustment & Depreciation, ▪ Financial Planning & Cost Accounting, ▪ Heads of Account, Re-appropriation of Funds and Supplementary Grant, ▪ Public Procurement Rules, 2004
24.	99/2026	Assistant Education Officer (BS-16), Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training.	<p>i Second Class or Grade 'C' Bachelor's Degree (14-years) with B.Ed.</p> <p>ii Three (3) years post qualification experience in a recognized educational institution.</p>	<p>Part-I English =20 marks</p> <p>Part-II Professional Test =80 marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> • Perspectives of Education in Pakistan • School Administration & Supervision • Teaching Techniques and Methodology • Classroom Management and Discipline • Testing and Evaluation • Development of Education in Pakistan • Educational Guidance & Counselling

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
25.	100/2026	Assistant Engineer (Civil) (BS-16), Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training.	i Three (3) years Post-Metric Diploma in Civil Engineering from a Government recognized Institution. ii Five (5) years post qualification experience in the relevant field.	Part-I English =20 marks Part-II Professional Test =80 marks	Part-I Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> • Soil Mechanics & Foundation Engineering • Surveying & Levelling • Costing and Estimation • Construction Management • Building Material & Building Construction • Structural Design Applications • Concrete Technology & R.C.C Structure Design • Preparation of PC-1 for Infrastructure Projects • Project Management & Supervision. • Basic IT/Computer Knowledge
26.	103/2026	Medical Officer (BS-17) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination.	MBBS or equivalent qualification recognized by Pakistan Medical and Dental Council.	Part-I English =20 marks Part-II Professional Test =80 marks	Part-I Vocabulary, Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> • Core courses of MBBS Degree Program. • Health Policies of the Government of Pakistan. • Care vs Cure for Health Management. • Major Challenges being faced by the Health Sector in Pakistan.
27.	104/2026	Assistant Anesthetist (BS-17) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination.	MBBS or equivalent qualification recognized by Pakistan Medical and Dental Council.	Part-I English =20 marks Part-II Professional Test =80 marks	Part-I Vocabulary, Grammar Usage, Sentence Structuring Part-II <ul style="list-style-type: none"> • Core courses of MBBS Degree Program. • Health Policies of the Government of Pakistan. • Care vs Cure for Health Management. • Major Challenges being faced by the Health Sector in Pakistan.
28.	105/2026	Medical Technologist (BS-17) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination.	Second Class or Grade 'C' Master's degree in Medical Technology/ Bio Chemistry/ Microbiology or equivalent from a University recognized by the Higher Education Commission.	Objective Type Test (MCQ) Part-I English = 20 marks Part-II Professional Test=80 marks	Part-I Vocabulary, Grammar Usage, Sentence Structuring. Part-II <ul style="list-style-type: none"> ▪ Medical Technology ▪ Microbiology ▪ Biochemistry ▪ Immunology ▪ Basic Genetics ▪ Quality Control

S. No	Case No. F.4-	Particulars of Post(s)	Qualifications/ Experience for the Posts	Test Specification	Topics of Syllabi
29.	106/2026	Assistant Accounts Officer (BS-17) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination.	<p>i Second Class or Grade 'C' Master's degree in Business Administration (Finance/ Accounting) or equivalent from a University recognized by HEC.</p> <p>ii The selected candidates would be confirmed only after having passed SAS/ PIPFA (Public Sector).</p>	<p>Part-I English = 20 marks</p> <p>Part-II Professional Test=80 marks</p>	<p>Part-I Vocabulary, Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Accounting Principles & Procedures, ▪ Scrutiny of Record for Audit Purposes, ▪ Journal, Ledger & Cash Book, ▪ Preparation of Annual Budget, ▪ Adjustment & Depreciation, ▪ Financial Planning & Cost Accounting, ▪ Heads of Account, Re-appropriation of Funds and Supplementary Grant, ▪ Public Procurement Rules, 2004
30.	107/2026	Charge Nurse (BS-16) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination.	<p>i Registered Nurse and Registered Midwife with PNC.</p> <p>ii For male one year course / certificate in nursing related field in lieu of Midwifery.</p>	<p>Part-I English = 20 marks</p> <p>Part-II Professional Test=80 Marks</p>	<p>Part-I Grammar Usage, Sentence Structuring</p> <p>Part-II</p> <ul style="list-style-type: none"> ▪ Basic Medical Sciences ▪ General Nursing ▪ Ward Administration ▪ Hospitality of the Patients ▪ Care vs. Cure for Health Management ▪ Developing Training & Instructional Materials for Nursing Courses.

**Schemes and Syllabi of Objective Type Test (MCQ) relating to Posts in
BS-18 & Above under Advertisement No. 02/2026**

Case No.	F.4-66/2026-R
Particulars of post	Assistant Fisheries Development Commissioner (BS-18), Maritime Affairs
Minimum Qualification / Experience	i. Second Class or Grade 'C' Master's or Bachelor's (4 years' education) degree in Fisheries & Aquaculture / Marine Biology or Zoology with specialization in fisheries or equivalent qualification from a University recognized by the HEC. ii. Five (5) years' post qualification experience in the field or Marine / Inland Fisheries or Aquaculture Technology.

Max Marks: 200

Qualifying Standard: 40%

(Note: Negative marking of 0.25/ wrong answer)

Part-I: 100 Marks (MCQ)

I. English (40 Marks)

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. General Intelligence/Ability (60 Marks)

- Basic Arithmetic/Quantitative Ability
 - Algebra
 - Ratios
 - Percentages
 - Arithmetic Means
- Logical Reasoning and Analytical Ability
- Current Affairs.
 - Developments at National and International Levels in last 2 years
- Pakistan Affairs
 - Basic Level knowledge
- Basic IT (Hardware and Software)

Part-II (Professional): 100 Marks (MCQ)

I. Animal Diversity-Chordata

- Hemichordates and Invertebrate Chordates: Evolutionary Perspective: Phylogenetic Relationships and considerations.
- Fishes: Structural and functional adaptations of fishes.
- Amphibian: Movement onto land and early evolution of terrestrial vertebrates.
- Reptiles: Characteristics of reptiles, adaptations in reptilians.
- Birds: Migration and navigation, adaptations.
- Mammal: Structural and functional adaptations of mammals.

II. Principles of Animal Life

- The chemical basis of animal life: Brief introduction to bio-molecules; carbohydrates, lipids, proteins and nucleic acids.
- Tissues Types: epithelial, connective, muscle and nervous tissue; organs and organ systems.
- Ecological Concepts: Interactions, Concepts and components of ecosystem, Food chain, Food web, Biogeochemical cycles, Forest, Biomes, Wildlife conservation and management, Environmental pollution, Green house effect, Acid rain, Global warming.
- Evolution: Darwinian evolutionary theory based on natural selection and the evidence, Microevolution: Genetic variation and change within species, Macroevolution: Species and speciation (Allopatric, Parapatric and Sympatric speciation)

III. Animal Form and Function

- Digestion and Nutrition: Feeding mechanism, Digestion, Organization and regional function of alimentary canals, Regulation of food intake, Nutritional requirements
- Internal Fluids and Respiration: Internal fluid environment, Composition of blood, Circulation and respiration mechanisms
- Chemical Coordination: Endocrine System; Vertebrate endocrine glands and types of hormones, Mechanism of hormones action,
- Animal behavior: Learning, Habituation, Insight learning, latent learning, classical learning: Control of Behavior; social behaviour.

IV. Principles of Fish Biology

- **Fish morphology:** Head (size, shape, and orientation); Scales (types, arrangements, coloration, scale less fishes); Operculum; Fins, fin rays and fin spine (dorsal, pectoral, caudal, anal); Barbel (upper lip barbels, lower lip barbels); **Anatomy:** Skeleton (skull, backbone, spines); Brain and spinal cord; Gills (Number, size, arrangements); Vital organs (heart, liver, kidney); Viscera and mesenteries (swim bladder, stomach, spleen, pancreas, intestine, gonads).
- **Systematic:** Identification of fishes up to; Families; Order; Genus; Species; Feeding groups of fishes; Herbivore; Plankton eater; Larvivore; Carnivore; Voracious; **Ecology of fishes:** Freshwater; Brackish water ; Marine

Case No.	F.4-67/2026-R
Particulars of post	Director (Biodiversity Programme) (BS-19), Climate Change & Environmental Coordination.
Minimum Qualification / Experience	i. Second Class or Grade 'C' Master's Degree in Zoology / Botany / Biology / Ecology / Biodiversity / Agriculture / Forestry / Wildlife Management or Wildlife Biology. ii. Twelve (12) years post qualification experience in one of the above fields.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25/ wrong answer)

Part-I: 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. General Intelligence/Ability (60 Marks)

- Basic Arithmetic/Quantitative Ability
 - Algebra
 - Ratios
 - Percentages
 - Arithmetic Means
- Logical Reasoning and Analytical Ability
- Current Affairs.
 - Developments at National and International Levels in last 2 years
- Pakistan Affairs
 - Basic Level knowledge
- Basic IT (Hardware and Software)

Part-II (Professional): 100 Marks (MCQ)

- Introduction & Types of Biodiversity,
- Philosophical, Ecological, Economic, Social and Ethical Values of Biodiversity,
- Plant, Animal and Microbial Resources of World and Pakistan,
- Threats to Biodiversity,
- Conservation of Biodiversity,
- Conservation at Species, Population, Community and Ecosystem Level,
- Conservation Strategies,
- Conservation of Wildlife, Plants, Forests,
- Conservation in Man-Made Ecosystems,
- Croplands, Cities, Role of Protected Areas and Ecological Corridors in Conservation,
- Legal Protection of Species, Habitats,
- National and International Laws and Regulations,
- International Agreements, Protected Areas, their categories and Management.

Case No.	F.4-70/2026-R
Particulars of post	Associate Professor (BS-19), Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination
Minimum Qualification / Experience	<p>i. MBBS or equivalent Medical qualification recognized by PMDC. OR M.Sc. of a recognized University in case of basic Science in the relevant subject. (for Non-Medical graduates).</p> <p>ii. D.Sc., Ph.D., FCPS, MD, M.S., M.Phil. etc. in the respective subjects. FCPS / MD with DPH (for Public Health Institutions only). OR equivalent qualification recognized by PMDC.</p> <p>POST QUALIFICATION EXPERIENCE: Five years teaching experience as an Assistant Professor in the respective subject in the postgraduate institute only. OR Eight years teaching experience as Assistant Professor in undergraduate Medical Institution.</p> <p>RESEARCH: Must have produced at least three research papers. OR Must have produced at least five research papers if teaching experience is in undergraduate Institution.</p> <p>NOTE: - (i) For all Basic Science subjects a non-medical is eligible provided a medical graduate with requisite qualification is not available.</p> <p>(ii) For appointment as Associate Professor candidates possessing a D.Sc. / Ph.D. Degree the thesis or major subject should be related to the subject in which they are appointed / promoted.</p> <p>(iii) Candidates without a Basic Medical qualification are eligible for appointment as Associate Professor provided they possess at least D.Sc. / Ph.D. Degree and provided a medical graduate with the requisite qualification is not available.</p> <p>A. Anesthesia B. Clinical Hematology C. Pathology D. Psychiatry E. Pulmonology</p>

A. Anaesthesia

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Anaesthesia**

B. Clinical Hematology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Clinical Hematology**

C. Pathology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Hematology/
Histopathology/ Pathology/ Micro Biology**

D. Psychiatry

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Psychiatry**

E. Pulmonology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Pulmonology**

Case No.	F.4-71/2026-R
Particulars of post	Director (Technical) (BS-19), National Library of Pakistan, National Heritage and Culture Division
Minimum Qualification / Experience	i. Second Class or Grade 'C' Master's Degree (16-years schooling) in Library Science or Library and Information Science or equivalent qualification from a University recognized by HEC. ii. Twelve (12) years post qualification experience in the relevant field.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25/ wrong answer)

Part-I: 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. General Intelligence/Ability (60 Marks)

- Basic Arithmetic/Quantitative Ability
 - Algebra
 - Ratios
 - Percentages
 - Arithmetic Means
- Logical Reasoning and Analytical Ability
- Current Affairs.
 - Developments at National and International Levels in last 2 years
- Pakistan Affairs
 - Basic Level knowledge
- Basic IT (Hardware and Software)

Part-II (Professional): 100 Marks (MCQ)**I. Use of Emerging Technologies in Library**

Information and other Library Technologies. Hardware. Software. Operating System. Telecommunications and Networks. Internet and the www, Barcode Technology, Wireless Technology and Virtual Private Network (VPN). Social Networking. Email. Word Processing. Spreadsheets. Presentation Software. Desktop Publishing. Databases. Library Security Systems. Tele-lifts. Digitization Hardware and Software. Reprographic Technology.

II. Organization of Information

Systems for Organization of Information: Environments, Storage and Retrieval Tools, Encoding Standards, Cataloguing Codes, Current Systems. The Information Organization Process: Surrogate/ Metadata Records: Description, Access; Authority Control. Subject Access: Analysis, Verbal Subject Approaches, Classification. Organization and

Administration: Arrangement, Management Issues. Problems of Information Organization in Pakistan.

III. Basic Reference Sources

Definition. Evaluation Criteria. Bibliographies-- General Bibliographies, Basic Guides To Reference Materials, Library Catalogues; Serials Guides; Indexes and Abstracts; HEC NDL; Dictionaries and Thesauri; Almanacs And Fact Books; Encyclopaedias; Directories; Biographical Sources; Geographical Sources-- Maps, Atlases & Gazetteers; Reference Websites.

IV. Management of Library and Information Services

Basic Theories and Principles of Administration for Effective Management of Public, Academic, and Special Libraries and Information Centres with emphasis on Planning, Organizing, Staffing, Directing, Coordinating, Reporting, and Budgeting. Administrative Aspects of Public and Technical Services, Facilities, Rules and Regulations, Evaluation, Public Relations, Inter-Agency Cooperation, and Change Management. Library Space Management.

Case No.	F.4-73/2026-R
Particulars of post	Associate Professor / Vice Principal (Female) (BS-19), Islamabad Model Colleges, Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training A) Chemistry B) Computer Science C) English D) Urdu.
Minimum Qualification / Experience	Ph.D. Degree in the relevant subject with eight (8) years' post qualification teaching and administrative experience at College / University level. OR M. Phil Degree in the relevant subject with ten (10) years' post qualification teaching and administrative experience at College / University level. OR Second Class or Grade 'C' Master's Degree in the relevant subject with twelve (12) years' post qualification teaching and administrative experience at College / University level.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25/ wrong answer)

Part-I (For all Categories): 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Teaching Methodology (60 Marks)

- Teaching Methodology
- Elements of Curriculum.
- Curriculum Development Process:
- Classroom Communication
- Classroom Assessment and Evaluation
- Types of Test and characteristics of a Good Test
- Research Instruments

Part-II: 100 Marks (MCQ) (For Chemistry)

- I. Atomic structure.—Quantum theory, Schrodinger equation, Particle in box, hydrogen atom. Hydrogen molecule ion, hydrogen molecule. Theories of hydrogen and metallic bonding.
- II. Electrochemistry.—Ionic equilibria, theory of strong electrolytes; Debye-Huckel theory of activity coefficients, galvanic cells, membrane equilibria and fuel cells. Theories of Acids and Bases, glass electrode, measurement of pH. Electrolysis, overvoltage and corrosion.
- III. Chemistry of Following Elements.—Oxygen, Carbon, Chlorine, Silicon, Nitrogen, Phosphorus.

- IV. Inorganic Chemical Industries.—Sulphuric Acid, Fixation of Nitrogen, Chemical Fertilizers, Semi-conductivity devices. Cement, Glass and Ceramics.
- V. Surface Chemistry and Catalysis.—Physical adsorption and chemisorption. Surface area determination. Homogeneous and Heterogeneous Catalysis. Acid-base and Enzyme Catalysis.
- VI. Physical Organic Chemistry.—Elements of Organic reaction mechanism. Optical and Geometric Isomerism. Conformational analysis. Resonance. H—Bond and its effects on the properties of Organic Compounds.
- VII. Chemistry of Natural Products.—Elementary study of Carbohydrates. Oils and Fats. Alkaloids and Vitamins.
- VIII. Industrial Organic Chemistry.—Organic Polymers. Fermentation processes including preparation of Anti-Biotics. Petro-Chemical Industry.

Part-II: 100 Marks (MCQ) (For Computer Science)

- I. **Computer Architecture**
Microprocessor Bus Structure (Address/Data/Control), Registers and Flags, Storage Hierarchy (Main/Virtual/ Cache/ Secondary memory), Peripheral communication, CPU, ALU, Principles of Instruction Set Design, Multiprocessors & Thread Level Parallelism.
- II. **Object Oriented Programming**
Data types, control structures, functions, arrays, classes, methods, object and encapsulation; constructors and destructors
- III. **Data Structure and Algorithms**
Stack and Queue, Sequential Search, Binary Search, Bubble sort, Merge sort, Quick sort, Insertion sort, Selection Sort, Linked Lists
- IV. **Database Management Systems**
Database design, functional dependencies and normal forms, concurrency control and recovery techniques, Database security and authorization
- V. **Computer Communications and Networks**
Asynchronous and Synchronous transmission, LAN/WAN/MAN, Network layers, Transport layer protocols TCP/IP, UDP,
- VI. **Operating Systems**
Process and CPU management, Multithreading, Deadlocks, Memory management and virtual memory, External Fragmentation, Paging and Demand Paging, File management systems, Scheduling and dispatch, Introduction to concurrency

Part-II: 100 Marks (MCQ) (For English)

- I. **Essays:**
 - Bertrand Russell (The Conquest of Happiness)
 - George Orwell (Politics and the English Language; The Prevention of Literature)
- II. **Short Stories:**
 - Somerset Maugham (The Lotus-eater)
 - G.K. Chesterton (A Somewhat Improbable Story)
 - O'Henry (The Gift of the Magi)
- III. **Literacy Theory & Criticism**
 - Structuralism
 - Marxism
 - Deconstructionism
 - Psychoanalytic criticism
 - Feminist criticism
 - Postcolonial Criticism

IV. Segmental & Suprasegmental Phonology

- Phonemes and allophones
- Syllable and syllabic structure
- Sounds in connected speech
- Sentence stress and intonation

V. Contrastive Phonology

- Teaching of pronunciation

VI. Translation Studies

- Language, culture and society
- The concept of universe of discourse
- Linguistic relativity
- Semantic competence
- Comparative Morphology, Syntax, and Semantics

Part-II: 100 Marks (MCQ) (For Urdu)

- 1 اردو ادب کا مطالعہ
- i. اردو زبان و ادب کی اسلامی شناخت
 ii. بیسویں صدی کی ادبی تحریکیں
 iii. پاکستانی ادب کی اصلاح: تشکیل و روایت اور ارتقاء
- 2 شعری ادب کا تنقیدی مطالعہ
- الف - دور قدیم
- i. میر (غزل - انتخاب میر مولوی عبد الحق)
 ii. غالب (دیوان غالب)
 iii. حالی (مسدس)
 iv. اقبال (طلوع اسلام، خضر راہ، مسجد قرطبہ)
- ب - دور جدید
- i. فیض (غزل - دست صبا)
 ii. راشد (نظم - ایران میں اجنبی)
 iii. مجید امجد (نظم - شب رفتہ)
- 3 نثری ادب کا تنقیدی مطالعہ
- الف. غیر افسانوی نثر
- i. شبلی (سیرت النبی ﷺ، جلد اول)
 ii. مولوی عبد الحق (خاکے، چند ہم عصر)
 ب. افسانوی نثر
- i. منٹو (افسانے، منٹو کے بیس افسانے: مرتب ڈاکٹر انوار احمد، ڈاکٹر اے بی اشرف)
 ii. احمد ندیم قاسمی (افسانے، کپاس کے پھول)
 iii. مشتاق احمد یوسفی (طنز و مزاح، اب گم) -

Case No.	F.4-75/2026-R
Particulars of post	Professor (BS-20) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination. A. Paeds Medicine B. Psychiatry
Minimum Qualification & Experience	<p>i. MBBS or equivalent Medical qualification recognized by PMDC. OR M.Sc. of a recognized University in case of Basic Science in the relevant subject (for non-medical graduates).</p> <p>ii. D.Sc., Ph.D., FCPS., M.D., M.S., M.Phil etc. in the respective subjects. FCPS/ M.D. with D.P.H. (for Public Health Institutions only). OR Equivalent qualification recognized by PMDC.</p> <p>POST QUALIFICATION EXPERIENCE: Three years teaching experience as an Associate Professor in the respective subject provided that total experience as Assistant Professor / Associate Professor is not less than eight years in a postgraduate institute. OR Nine years as Assistant Professor or four years teaching experience as Associate Professor in under graduate institute provided that total experience as Assistant Professor/ Associate Professor is not less than twelve years in under graduate institute.</p> <p>RESEARCH: Must have produced at least two research papers during three years as Associate Professor provided that total research papers as Assistant Professor/ Associate Professor are not less than five. OR At least three research papers during Associate Professorship provided that total research papers as Assistant Professor/ Associate Professor are not less than seven if experience is in under Graduate Medical college.</p> <p>NOTE: (a) For all Basic Science subjects a non-medical is eligible provided a medical graduate with requisite qualification is not available. (b) For appointment as a Professor, candidates possessing a D.Sc. / Ph.D. degree, the thesis or major subjects/ courses should be related to the subject in which they are appointed. (c) Candidates without a basic medical qualification are eligible for appointment as Professor provided they possess at least D.Sc. / Ph.D. degree and provided a medical graduate with the requisite qualification is not available.</p>

Max Marks: 200

Qualifying Standard: 50%

(Note: Negative marking of 0.25 per wrong answer)

Part-I: 100 Marks (MCQ) (For all categories)

I. English (40 Marks)

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Constitution/Rules (60 Marks)

- Constitution of Pakistan
- Rules of Business
- Civil Servants Act & rules made thereunder
- General Financial Rules, 2025
- Financial Management and Powers of Principal Accounting Officers Regulations, 2021

Part-II (Professional): 100 Marks (MCQ) (For Paeds Medicine)

- I. Core Courses of **MBBS** (50 Marks)
- II. Core courses of Specialization in **Paeds Medicine** (50 Marks)

Part-II (Professional): 100 Marks (MCQ) (For Psychiatry)

- I. Core Courses of **MBBS** (50 Marks)
- II. Core courses of Specialization in **Psychiatry** (50 Marks)

Case No.	F.4-77/2026-R
Particulars of post	Deputy Registrar (BS-18), Federal Service Tribunal, Ministry of Law & Justice.
Minimum Qualification / Experience	i. Law Graduate. ii. Five (5) years post qualification experience in Civil Courts/ Administrative Tribunals in BS-16 and above or equivalent.
Job Description	i. To scrutinize Appeals, Misc. and Review Petitions being filed by the Counsel / Appellant / Petitioners whether the Appeals / Petitions so filed are in accordance with prescribed Service Tribunal (Procedure) Rules, 1974 or otherwise. ii. To initiate note on new Appeals. iii. Issuance of notices to the litigants / parties in pursuance of orders of the respective Benches of the Tribunal. iv. Fixation of Appeals, Misc. and Review Petitions on the orders of the respective Benches of the Tribunal.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25/ wrong answer)

Part-I: 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. General Intelligence/Ability (60 Marks)

- Basic Arithmetic/Quantitative Ability
 - Algebra
 - Ratios
 - Percentages
 - Arithmetic Means
- Logical Reasoning and Analytical Ability
- Current Affairs.
 - Developments at National and International Levels in last 2 years
- Pakistan Affairs
 - Basic Level knowledge
- Basic IT (Hardware and Software)

Part-II (Professional): 100 Marks (MCQ)

I. Definitions of Crime

II. All Provisions of:

- i. Concept of arbitration, arbitration with or without intervention of court and in civil suits.
- ii. Establishment of Civil Courts with their Original & Appellate Jurisdiction.
- iii. The Code of Civil Procedure, 1908
- iv. Pakistan Penal Code, 1860
- v. Qanun-e-Shahdat Order, 1984
- vi. Criminal Procedure Code, 1898

Case No.	F.4-79/2026-R
Particulars of post	Vice Principal (Female) (BS-18), Islamabad Model Schools, (Ex-F.G Schools), Federal Directorate of Education, Ministry of Federal Education and Professional Training.
Minimum Qualification / Experience	<p>i Second Class or Grade 'C' Master's Degree / Bachelor's degree (4 years duration) with Second Class or Grade 'C' M.Ed / B.Ed. (Hons) or equivalent qualification from a University recognized by HEC. Requirement of M.Ed / B.Ed. (Hons) is exempted for those having Master's / M.Phil / Ph.D. degree in Education.</p> <p>ii Five (5) years post qualification experience in Teaching and Administration in a recognized Educational Institution.</p>

Max Marks: 200

Qualifying Standard: 40%

(Note: Negative marking of 0.25 per wrong answer)

Part-I: 100 Marks (MCQ)

I. English (40 Marks)

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Teaching Methodology (60 Marks)

- Teaching Methodology
- Elements of Curriculum.
- Curriculum Development Process:
- Classroom Communication
- Classroom Assessment and Evaluation
- Types of Test and characteristics of a Good Test
- Research Instruments

Paper-II (Professional): 100 Marks (MCQ)

I. Foundation of Education

- Educational Process
- Role of education in Nation Building, National cohesion and integration, Character building, Human resource development, World peace and prosperity
- Philosophical Foundations of Education
- Psychological Foundation of Education
- Sociological Foundations of Education
- Islamic Concept Education
- Process of Development of Text books and National Textbook Policy

II. Process of Teaching and Teaching Strategies

- Process of Classroom Communication
- Factors affecting Classroom Communication
- Barriers to Classroom Communications
- Use of Instructional Materials and Media
- Information and Communication Technologies (ICTs)

III. Education Assessment and Evaluation

- Concept of Classroom Assessment and Evaluation
- Distinction between Assessment, Evaluation and Measurement
- Approaches to Evaluation: Formative Evaluation; Summative Evaluation
- Types of Test: Essay Type; Objective Type: Multiple Choice, True-False Items, Matching Type; Principles of Construction of these Test
- Achievement Test
- Standardized Tests
- Characteristics of a Good Test: Validity, Reliability, Objectivity, Usability

IV. Education Administration and Supervision

- The Concept of Administration
- Educational Planning and Organization in Pakistan
- Approaches to Educational Administration: Democratic; Authoritarian; Laissez-faire
- Function of Administration
- Educational Supervision
- Agencies and Organizations promoting Education in Pakistan

V. Human Resource and Financial Management

Definition, Significance and Scope of Human Resource Management; Organization—Types of Organization, Theory of Organization, Principles of Organization, Organization of the Federal and Provincial Governments, Public Sector Enterprises; Approaches to Human Resource Management. Personnel Administration—Tools of Personnel Management: Selection, Training, Promotion, Compensation, Discipline; Communication, Communication Channels and Principles of Public Relations; Human Behaviour and Organizations Administration.—Elements of Financial Administration,

VI. Information Technology and MS Office

Fundamentals of Computer: CPU, Memory Devices, Types of Computers, Characteristics of Computer and related material; Application Software: Microsoft Word, Microsoft Power Point, Microsoft Excel; Search Engines, Web Design, Email, Internet Surfing, Social Networking (Facebook, Twitter, etc); General Introduction to Virus and Antivirus utilities; Programming Languages.

Case No.	F.4-82/2026-R
Particulars of post	Director General (BS-20), Pakistan Planning and Management Institute (PPMI), Ministry of Planning Development and Special Initiatives.
Minimum Qualification / Experience	<p>i Ph.D. in Economics / Development Economics / Agricultural Economics / Project Management / Human Resource Development.</p> <p>ii Thirteen (13) years post qualification experience in Teaching or Research / Project Management / Project Planning / Project Appraisal / Project Monitoring and Evaluation in a Government / Semi Government / reputable private organization.</p> <p style="text-align: center;">OR</p> <p>i M. Phil in the above required subjects.</p> <p>ii Fifteen (15) years post qualification experience in the fields mentioned above.</p> <p style="text-align: center;">OR</p> <p>i Second Class or Grade 'C' Master's degree or equivalent in the above required subjects.</p> <p>ii Seventeen (17) years post qualification experience in the field mentioned above.</p>

Max Marks: 200Qualifying Standard: 50%

(Note: Negative marking of 0.25 per wrong answer)

Part-I: 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Constitution/Rules (60 Marks)

- Constitution of Pakistan
- Rules of Business
- Civil Servants Act & rules made thereunder
- General Financial Rules, 2025
- Financial Management and Powers of Principal Accounting Officers Regulations, 2021

Paper-II (Professional): 100 Marks (MCQ)**I. Principles of Management**

- Functions of Management and Roles of Manager
- Types of Plans and Planning Process
- Types of organizations
- Leadership Styles and Theories
- Types of Control and Control Process
- Basic Concepts of Quality Management (Total Quality management, ISO 9001 Standard)

II. Human Resource Management

- Definition, Significance and Scope of Human Resource Management;
- Recruitment and Selection
- Training and Development
- Theories of Motivation
- Performance Management

III. Financial Management: Principles of Budgeting, Auditing and Accounting.

IV. Civil Servant Act 1973 and Rules made thereunder;

V. Rules of Business 1973;

VI. Secretariat Instructions and Office Procedures;

VII. PPRA Ordinance 2002 and Rules 2004.

Case No.	F.4-91/2026-R
Particulars of post	<p>Assistant Professor (BS-18), Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations and Coordination.</p> <p>A General Medicine B General Surgery C Neonatology D Ophthalmology E Paeds Neurology F Rheumatology</p>
Minimum Qualification / Experience	<p>MBBS or equivalent Medical qualification recognized by PMDC. OR M.Sc. of a recognized University in case of Basic Science in the relevant subject. (for non-Medical graduates).</p> <p>POST GRADUATE QUALIFICATIONS:</p> <ol style="list-style-type: none"> D.Sc., Ph.D., FCPS, MD, M.S., M. Phil etc. in the respective subjects. FCPS/ MD with DPH (for Public Health Institution only). OR equivalent qualification recognized by PMDC. Qualification should be in the respective speciality and not the general qualification. For all Basic Science subjects, a non-medical graduate is eligible provided a Medical Graduate with requisite qualification is not available. Candidates possessing D.Sc./ Ph.D., Degree the thesis or major subjects/ courses should be related to the subject in which they are applying. Candidates without a basic medical qualification are eligible for appointment as Assistant Professor Provided they possess at least D.Sc./ Ph.D., Degrees and provided a medical graduate with the requisite qualification is not available. <p>EXPERIENCE: Five years teaching or practical experience before or after the postgraduate qualification in the relevant subject for the holders of higher postgraduate qualification like FCPS etc.</p>

Max Marks: 200

Qualifying Standard: 40%

(Note: Negative marking of 0.25 per wrong answer)

A. General Medicine

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Medicine/ Internal Medicine**

B. General Surgery

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **General Surgery/ Surgery**

C. Neonatology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Neonatology**

D. Ophthalmology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Ophthalmology**

E. Paeds Neurology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Paediatrics Neurology**

F. Rheumatology

Part-I: 100 Marks (MCQ)

Core Courses of **MBBS**

Part-II: 100 Marks (MCQ)

Core courses of Specialization in **Rheumatology**

Case No.	F.4-94/2026-R
Particulars of post	Associate Professor / Vice Principal (Male) (BS-19), Islamabad Model Colleges, Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training A Computer Science B Pakistan Studies C Physics
Minimum Qualification / Experience	Ph.D. Degree in the relevant subject with eight (8) years' post qualification teaching and administrative experience at College / University level. OR M. Phil Degree in the relevant subject with ten (10) years' post qualification teaching and administrative experience at College / University level. OR Second Class or Grade 'C' Master's Degree in the relevant subject with twelve (12) years' post qualification teaching and administrative experience at College / University level.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25 per wrong answer)

Part-I (For all categories): 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Teaching Methodology (60 Marks)

- Teaching Methodology
- Elements of Curriculum.
- Curriculum Development Process:
- Classroom Communication
- Classroom Assessment and Evaluation
- Types of Test and characteristics of a Good Test
- Research Instruments

Part-II (For Computer Science): 100 Marks (MCQ)**I. Computer Architecture**

Microprocessor Bus Structure (Address/Data/Control), Registers and Flags, Storage Hierarchy (Main/Virtual/ Cache/ Secondary memory), Peripheral communication, CPU, ALU, Principles of Instruction Set Design, Multiprocessors & Thread Level Parallelism.

II. Object Oriented Programming

Data types, control structures, functions, arrays, classes, methods, object and encapsulation; constructors and destructors

III. Data Structure and Algorithms

Stack and Queue, Sequential Search, Binary Search, Bubble sort, Merge sort, Quick sort, Insertion sort, Selection Sort, Linked Lists

IV. Database Management Systems

Database design, functional dependencies and normal forms, concurrency control and recovery techniques, Database security and authorization

V. Computer Communications and Networks

Asynchronous and Synchronous transmission, LAN/WAN/MAN, Network layers, Transport layer protocols TCP/IP, UDP,

VI. Operating Systems

Process and CPU management, Multithreading, Deadlocks, Memory management and virtual memory, External Fragmentation, Paging and Demand Paging, File management systems, Scheduling and dispatch.

Part-II: 100 Marks (MCQ) (For Pak. Studies)

- I. Ideology of Pakistan-----definition and elucidation, historical aspects: Muslim rule in the Sub-Continent, its downfall and efforts for Renaissance. Movements for reforms-- Shaikh Ahmad Sarhindi, Shah Waliullah, Sayyid Ahmad Shaheed, Aligarh, Deoband, Nadwah, and other educational institutions-----Sindh Madrassah and Islamia College Peshawar. Ideology of Pakistan in the light of Speeches and statements of Allama Iqbal and Quaid-i-Azam Muhammad Ali Jinnah.
- II. Changing Security Dynamics for Pakistan: Challenges to National Security of Pakistan
- III. Pakistan War on Terror
- IV. Foreign Policy of Pakistan Post 9/11
- V. Evolution of Democratic System in Pakistan
- VI. Hydro Politics ; Water Issues in Domestic and Regional Context
- VII. Pakistan's Relations with Neighbours
- VIII. Pakistan and India Relations Since 1947
- IX. Kashmir Issue
- X. The Prevailing Social Problems of Pakistan and the Strategies to Deal with Them, Poverty, Education, Health and Sanitation.

Part-II (For Physics): 100 Marks (MCQ)**I. Mechanics**

- Newtonian laws of motion; calculus based approach to kinematics, forces and dynamics, conservation law of energy; conservation of linear and angular momentum; Gravitation; planetary motion and satellites; Kepler's laws; centripetal forces
- Special theory of relativity. Michelson—Morley experiment and Einstein's postulates; Lorentz transformation; time dilation and length contraction; equivalence of mass and energy.

II. Waves and Oscillation

- Free oscillation with one and two degrees of freedom; forced and damped oscillations and phenomenon of resonance.

- Reflection, Refraction, Interference, Diffraction and Polarization of waves; interfero-meter and Newton's rings.

III. Heat and Thermodynamics

- Perfect gas and Van der Waals equation; Three Laws of Thermodynamics, internal energy, temperature, entropy. Thermal properties of Simple system production and measurement of low temperatures; Maxwellian distribution of molecular velocities; Brownian motion; Transport phenomena. Classical Maxwell-Boltzmann Statistics and its application.

IV. Electricity and Magnetism

- Gauss' law Electric potential and Poisson and Laplace's equation Dielectric medium and Polarization; Ampere's law; Vector potential; Magnetic properties of matter; Faraday's law of electromagnetic induction; Maxwell's equations; Poynting theorem and Poynting Vector. Maxwell's equations in integral and differential form.

V. Modern and Quantum Physics

- Operators and quantum states, time dependent and independent Schrodinger equation, angular momentum, wave mechanics, Heisenber's uncertainty relationship and indeterminacy based on commutation properties of operators, Bohr theory and quantum numbers including electron spin; Pauli's exclusion principle; Spectra of simple systems with one or two valence electrons. Lande's g factor and Zeeman effect. Raman effect; Waves and particles and De Broglie's Hypothesis.

VI. Solid State Physics

- Crystal lattice and structure, Bravais lattice, free electron model, Band theory and electron in a periodic potential, Fermi energy and density of states, n and p type semiconductors, physics of the transistor and MOSFET, dielectric properties, magnetic properties and origin of magnetism.

VII. Nuclear Physics

- Structure of Nuclei; Radioactivity, α , β and γ decay. Methods of detection, Phenomenon of fission; reactor and nuclear power, nuclear fusion and its application.

Case No.	F.4-95/2026-R
Particulars of post	Assistant Professor (Male) (Computer Science) (BS-18), Islamabad Model Colleges (Ex-F.G Colleges), Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training.
Minimum Qualification / Experience	Ph.D. Degree in the relevant subject with one (1) year's post qualification teaching experience at College / University level. OR M.Phil Degree in the relevant subject with three (3) year's post qualification teaching experience at College / University level. OR Second Class or Grade 'C' Master's Degree in the relevant subject with five (5) year's post qualification teaching experience at College / University level.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25 per wrong answer)

Part-I: 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Teaching Methodology (60 Marks)

- Teaching Methodology
- Elements of Curriculum.
- Curriculum Development Process:
- Classroom Communication
- Classroom Assessment and Evaluation
- Types of Test and characteristics of a Good Test
- Research Instruments

Part-II (Computer Science): 100 Marks (MCQ)**I. Computer Architecture**

Microprocessor Bus Structure (Address/Data/Control), Registers and Flags, Storage Hierarchy (Main/Virtual/ Cache/ Secondary memory), Peripheral communication, CPU, ALU, Principles of Instruction Set Design, Multiprocessors & Thread Level Parallelism.

II. Object Oriented Programming

Data types, control structures, functions, arrays, classes, methods, object and encapsulation; constructors and destructors

III. Data Structure and Algorithms

Stack and Queue, Sequential Search, Binary Search, Bubble sort, Merge sort, Quick sort, Insertion sort, Selection Sort, Linked Lists

IV. Database Management Systems

Database design, functional dependencies and normal forms, concurrency control and recovery techniques, Database security and authorization

V. Computer Communications and Networks

Asynchronous and Synchronous transmission, LAN/WAN/MAN, Network layers, Transport layer protocols TCP/IP, UDP,

VI. Operating Systems

Process and CPU management, Multithreading, Deadlocks, Memory management and virtual memory, External Fragmentation, Paging and Demand Paging, File management systems, Scheduling and dispatch.

Case No.	F.4-101/2026-R
Particulars of post	Assistant Professor (Mathematics) (Male) (BS-18), Islamabad Model Colleges (Ex-F.G. Colleges), Federal Directorate of Education (FDE), Ministry of Federal Education and Professional Training.
Minimum Qualification / Experience	Ph.D. degree in the relevant subject and one (1) years' post qualification teaching experience at College / University level. OR M. Phil in the relevant subject with three (3) years' post qualification teaching experience at College / University level. OR Second Class Master's degree in the relevant subject with five (5) years' post qualification teaching experience at College / University level.

Max Marks: 200Qualifying Standard: 40%

(Note: Negative marking of 0.25 per wrong answer)

Part-I: 100 Marks (MCQ)**I. English (40 Marks)**

- Comprehension
- Grammar Usage
- Vocabulary
- Sentence Structuring
- Sentence Correction
- Grouping of Words
- Pairs of Words
- Idiomatic Phrases
- Synonyms/ Antonyms
- Translation

II. Teaching Methodology (60 Marks)

- Teaching Methodology
- Elements of Curriculum.
- Curriculum Development Process:
- Classroom Communication
- Classroom Assessment and Evaluation
- Types of Test and characteristics of a Good Test
- Research Instruments

Part-II (Mathematics): 100 Marks (MCQ)**I. Vector Calculus**

Vector algebra; scalar and vector products of vectors; gradient divergence and curl of a vector; line, surface and volume integrals; Green's, Stokes' and Gauss theorems.

II. Statics

Composition and resolution of forces; parallel forces and couples; equilibrium of a system of coplanar forces; centre of mass of a system of particles and rigid bodies; equilibrium of forces in three dimensions.

III. Dynamics

- Motion in a straight line with constant and variable acceleration; simple harmonic motion; conservative forces and principles of energy.
- Tangential, normal, radial and transverse components of velocity and acceleration; motion under central forces; planetary orbits; Kepler laws;

IV. Ordinary differential equations

- Equations of first order; separable equations, exact equations; first order linear equations; orthogonal trajectories; nonlinear equations reducible to linear equations, Bernoulli and Riccati equations.
- Equations with constant coefficients; homogeneous and inhomogeneous equations; Cauchy-Euler equations; variation of parameters.
- Ordinary and singular points of a differential equation; solution in series; Bessel and Legendre equations; properties of the Bessel functions and Legendre polynomials.

V. Fourier series and partial differential equations

- Trigonometric Fourier series; sine and cosine series; Bessel inequality; summation of infinite series; convergence of the Fourier series.
- Partial differential equations of first order; classification of partial differential equations of second order; boundary value problems; solution by the method of separation of variables; problems associated with Laplace equation, wave equation and the heat equation in Cartesian coordinates.

VI. Numerical Methods

- Solution of nonlinear equations by bisection, secant and Newton-Raphson methods; the fixed-point iterative method; order of convergence of a method.
- Solution of a system of linear equations; diagonally dominant systems; the Jacobi and Gauss-Seidel methods.
- Numerical solution of an ordinary differential equation; Euler and modified Euler methods; Runge-Kutta methods.

Case No.	F.4-102/2026-R
Particulars of post	Senior Registrar (BS-18) , Pakistan Institute of Medical Sciences (PIMS), Islamabad, Ministry of National Health Services, Regulations & Coordination. i. Anaesthesia ii. Neonatology iii. Neurology
Minimum Qualification & Experience	i. MBBS or equivalent qualification recognized/ registered by the PMDC or M.Sc. from a recognized University in case of Basic Science subjects in the relevant subject (for Non-Medical Graduates). ii. Postgraduate qualification such as FCPS/ M.S/M.D in the respective subject or equivalent qualifications recognized/ registered by the PMDC. <u>Experience:</u> Five years teaching or practical experience in the relevant speciality before or after postgraduate qualification. <u>1ST PREFERENCE:</u> Teaching experience. <u>2ND PREFERENCE:</u> Practical experience after postgraduate qualification. <u>3RD PREFERENCE:</u> Practical experience before postgraduate qualification.

Max Marks: 200

Qualifying Standard: 40%

(Note: Negative marking of 0.25 per wrong answer)

A. Anaesthesia**Part-I: 100 Marks (MCQ)**Core Courses of **MBBS****Part-II: 100 Marks (MCQ)**Core courses of Specialization in **Anaesthesia****B. Neonatology****Part-I: 100 Marks (MCQ)**Core Courses of **MBBS****Part-II: 100 Marks (MCQ)**Core courses of Specialization in **Neonatology****C. Neurology****Part-I: 100 Marks (MCQ)**Core Courses of **MBBS****Part-II: 100 Marks (MCQ)**Core courses of Specialization in **Neurology**