



دیس سٹیج پر آئی رولز کے تحت
ڈی،
پروفیسر سہیل احمد

گورنمنٹ سروس کمیشن 2022/G-3 (مہذبہ اور مہذبہ ایسے کاتھری کے عہدوں پر) کو پرنسپل کونسل
پرنسپل ڈائریکشن (گورنمنٹ) رول 1 کے تحت ایسٹبلشمنٹ ڈائریکشن گورنمنٹ

گورنمنٹ سروس کمیشن 2022/G-3 (مہذبہ اور مہذبہ ایسے کاتھری کے عہدوں پر) کو پرنسپل کونسل
گورنمنٹ ڈائریکشن (گورنمنٹ) رول 1 کے تحت ایسٹبلشمنٹ ڈائریکشن

1. جسٹس پرنسپل ڈائریکشن کے تحت رول 1 اور کے تحت رول 3 ایسٹبلشمنٹ ڈائریکشن

2. کے تحت ایسٹبلشمنٹ ڈائریکشن کے تحت رول 1 اور کے تحت رول 3 ایسٹبلشمنٹ ڈائریکشن

1

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



دانشگاه سندھ کی جانب سے دیہی اور شہری، باہر کے نصاب کے امتحان

تعداد	نصاب	نصاب	نصاب	نصاب	نصاب	نصاب
20	20	0	0	0	0	0
60	60	0	0	0	0	0
40	40	0	0	0	0	0
50	0	50	50	50	50	50

10	0	10	ہیکڑی اہلکار	ہیکڑی اہلکار	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
20	5	15	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	0	10	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
95	30	65	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
20	10	10	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
20	5	15	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
25	5	20	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
15	5	10	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	3	7	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
10	5	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
65	15	50	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
5	0	5	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار
720	303	417	ایس ایچ ایس	ایس ایچ ایس	ہیکڑی اہلکار

(پیشہ میں)

Annex3: National Training Needs List Ministry of Higher Education	
FIELD	SPECIALIZATION
Agriculture & fisheries	Agribusiness
	Agricultural economics
	Agriculture (antology)
	Agronomy
	Climate smart food security
	Food science/technology
	Greenhouse production
	Organic farming/agroecology
	Pesticide residue analysis
	Plant science
	Poultry production
Architecture and town planning	Architectural urban design and planning
	Architecture
	Building design
	Cartography/Land surveying
	City planning
	Community development
	Community planning
	Landscape architecture
	Rural development
	Structural architecture
	Structural engineering
	Surveying
	Topography
	Town and country planning
	Town and regional planning
	Town planning
	Urban and regional planning
	Urban design
Urban development	
Urban planning	
Urban studies	
Audio-visual techniques and media production	Animation
	Camera operating

	Cinematography
	Composition equipment operating
	Computer game production
	Computer graphics
	Film and TV editing
	Film and video production
	Graphic design
	Graphic reproduction
	Illustration
	Interactive media design
	Lay-out
	Media techniques
	Multimedia production
	Photo developing
	Photography
	Pre-press operations
	Printing machining
	Publishing design
	Radio and TV production
	Recorded music production
Sound and vision	
Sound techniques	
Biological & related science	Biochemistry
	Biological chemistry
	Biology
	Biomedical engineering
	Biometrics
	Biotechnology
	Forensic sciences
	Microbiology
	Pharmacology
	Virology
	Water microbiology
Building and civil engineering	Building and civil engineering
	Building and construction
	Building renovation
	Building service and maintenance

	Building service engineering
	Building technology
	Carpentry and joinery (building)
	Civil and structural engineering
	Civil engineering
	Civil engineering and sanitary engineering
	Construction equipment
	Construction management
	Construction plant operation
	Construction technology
	Constructional engineering
	Constructional metalwork (building)
	Demolition
	Dock and harbour engineering
	Drawing, technical
	Engineering
	Excavation engineering
	House building
	Industrial abseiling (commercial)
	Insulation
	Irrigation and drainage (construction)
	Plastering (building)
	Quantity surveying
	Road building
	Road development
	Sanitation (building)
	Scaffolding work
	Service engineering
	Stonemasonry
	Structural engineering
	Surveying
	Technical drawing
	Transport and highway engineering
	Ventilation (building)
	Water supply and sewerage engineering
	Water technology and engineering
Care of the elderly & disabled adults	Caring elderly and disabled adults

	Community-based rehabilitation (disability)
	Disability management
	Disability and rehabilitation
	Empowering persons with disabilities and special needs
	Rehabilitation science
Database & network design & administration	Big data analytics and technologies
	Computer administration and management
	Computer media applications
	Cyber security
	Data analytical programming
	Database and network design and administration
	Information communication technology
	Information technology
	Information technology - business information systems
	Information technology - cloud computing
	Information technology - network computing
	Information technology management
	Network engineering
	Server administration
	Software development
Web designing	
Economics	Econometrics
	Economics
	Energy finance
	International economics
	International trade and development
	Macro economics
	National accounts
	Political economics
	Social and economic policy (economic policy)
Environmental Science	Biodiversity and ecological conservation
	Chemicals management
	Climate change and sustainable development
	Climate finance
	Coastal and marine environments
	Coastal monitoring and surveying
	Coral reef ecology

	Ecology and biodiversity
	Environment and sustainable development
	Environmental auditing and survey
	Environmental economics
	Environmental impact assessment
	Environmental modelling
	Environmental resource management
	Environmental science and management
	Environmental statistics
	Environmental policy
	Marine survey
	Natural resource conservation and management
	Protected area management
	Restoration ecology
	Spatial development and natural resource management
Surveying and spatial science	
Fashion, interior and industrial design	Design
	Design of industrial products (artistic)
	Fashion design
	Industrial design (artistic)
	Interior architecture
	Interior decorating
	Interior design
	Stage designing
	Three dimensional design
Fine arts	Art
	Calligraphy
	Drawing (artistic)
	Etching (artistic)
	Fine art printmaking
	History of art
	Lithography
	Painting (art)
Hotel, restaurants and catering	Catering
	Cooking (restaurant and hotel-type)
	Culinary arts
	Fast food preparation

	Food and hospitality services
	Food serving
	Hospitality services
	Hotel and restaurant studies
	Hotel receptionist training
	Hotel services
Law	Banking law
	Corporate governance law
	Criminal law
	Environmental law
	Health care law
	Intellectual property law
	Labour law
Library, Information, History and archaeology	Archaeology
	Archival sciences
	Archives and record management
	Broadcast journalism
	Conservation and preservation
	Cultural history
	Curatorial studies
	Documentation
	Editing
	Ethics
	Folklore studies
	History
	History and philosophy of science and technology
	History of literature
	History of medicine
	History of science and ideas
	History of technology
	Information (wording and content)
	Information studies (records and archives management)
	Journalism
	Library and information management
Library and information science	
Library and information system	
Literature history	

	Logic
	Mass communication
	Medieval and renaissance studies
	Morals
	Museum studies
	News reporting
	Philosophy
	Philosophy and ethics
	Preservation of artistic heritage
	Publishing (dissemination of messages)
	Records management and archives
Literature and language	Comparative literature
	Creative writing
	Linguistics, general
	Literature
	Sign language interpreting
	Sign languages
	Translation programmes
Motor Vehicles, Ships and Aircrafts	Aeronautical engineering
	Aerospace engineering
	Aircraft engineering
	Aircraft maintenance
	Automotive engineering
	Avionics
	Boat building
	Coachwork
	Engineering
	Helicopter construction
	Marine construction
	Marine engineering
	Maritime engineering
	Mechanics
	Motorcycle engineering
	Motorcycle mechanics
	Naval architect
Naval engineering	
Shipbuilding	

	Vehicle and motor engineering
Mathematics & statistics	Actuarial science
	Applied mathematics
	Biostatistics
	Data management, analysis, visualization and sharing
	Data science and analytics
	Health statistics
	Numerical analysis
	Operational research
	Pure mathematics
	Statistics
	Survey design
MBBS	
Medical diagnostic & treatment technology	ECG technician
	Emergency para-medical technologies
	Forensic medicine technology
	Hearing aid technology
	Medical laboratory science
	Medical technology
	Optical technology
	Phlebotomy
	Radiography
	Radiology technology
	Radiotherapy
	X-ray technology (medical)
Music and performing arts	Choreography
	Composition (music)
	Conducting (music)
	Creative and performance art
	Music
	Performing arts
	Theatre/theatre sciences
Nursing & midwifery	Gerontological services
	Health care of old people
	Health care of the disabled
	Health care programmes
	Hygiene, medical

	Infant hygiene (nursing)
	Midwifery
	Nursing
	Nursing aide/Orderly
	Psychiatric nursing
	Specialized nursing
Occupational health & safety	Family health
	Health and safety
	Occupational health and safety
	Patient safety
PG Medicine	Anaesthetics
	Audiology/hearing sciences
	Cardiology
	Cytology
	Dermatology
	ENT
	Epidemiology
	Gerontology
	Gynecology
	Internal medicine
	Neurology
	Obstetrics and gynecology
	Ophthalmology
	Othopedics
	Paediatrics
	Pathology
	Psychiatry
	Radiology
Rehabilitation and physiotherapy	
Surgery	
Philosophy of art	Ceramics (craft)
	Conservation of cultural material
	Craft programmes
	Crafts, folk arts and artisan
	Decorative metal crafts
	Embroidery (craft)
	Fibre, textile and weaving arts

	Floristry (flower arranging)
	Glass arts and craft
	Goldsmithing
	Handicrafts
	Indigenous crafts
	Jewellery design
	Jewellery making (craft)
	Lapidary and jewellery
	Making of musical instruments (not industrial)
	Musical instruments (repairing and tuning)
	Needle craft
	Silversmithing
	Sketching (art)
	Weaving (craft)
	Woodcarving
Pilot Training	Pilot License
Post PG Medicine	Nephrology
	Cardiovascular thoracic surgery
	Endocrinology and diabetics
	Gastroenterology and hepatology
	Interventional radiology
	Medical oncology
	Neurology
	Pediatric nephrology
	Rheumatology
	Surgical oncology
Psychology	Applied psychology
	Basic psychology
	Business psychology
	Clinical psychology
	Cognitive sciences
	Conversational therapy
	Development and child psychology
	Psychoanalysis
	Psychology
	Psychology (counselling)
	Psychotherapy

Religion and theology	Religion
	Religious history
	Religious studies
Social work and counselling	Alcohol and drug abuse counselling
	Counselling
	Maltreatment (knowledge about)
	Other counselling related
	Parole officer training
	Professional certificate for counselors
	Professional certificate for social protection workers
	Public health counseling
	Social work
	Social work and counselling
	Sports counselling
	Vocational counselling
Software & application development & analysis	Computer programming
	Computer science (informatics)
	Computer systems analysis
	Computer systems design
	Operating systems
	Programming (computer)
	Programming languages development
	Software development
	Software localization
	Software programming
	Software testing
Specialized management & administration	Aviation management
	Emergency and disaster management
	Environmental management
	Health care administration
	Health care quality management and patient safety
	Health information management
	Laboratory management
	Public health
	Public health management and administration
	Quality management
Sports	Diving (sport)

	Gymnastics
	Physical training (sports)
	Sport leadership
	Sport trainer studies
	Sports
	Sports coaching
	Sports instructor training
	Umpires and other sports officials
Teacher training with subject specialization & education	Education
	Teacher training – technical subjects
	Teacher training – vocational subjects
	Teaching Accounting/Business/Economics
	Teaching Arabic/English/Dhivehi language
	Teaching Biology/Chemistry/Physics
	Teaching Creative Arts
	Teaching English as a foreign language
	Teaching Health and Physical education
	Teaching Islam/Quran
	Teaching Marine science
	Teaching Mathematics
	Teaching primary Social studies
	Teaching Science
Teaching travel and tourism studies	
Therapy & rehabilitation	Audiology
	Audiology, speech and language therapy
	Dietetics and nutrition
	Human physiology
	Occupational therapy
	Physiotherapy and rehabilitation
	Physiotherapy cardiorespiratory
	Physiotherapy musculoskeletal and sports
	Physiotherapy neuro
	Physiotherapy pediatrics
	Physiotherapy women’s health
	Rehabilitation medicine
	Speech pathology
Speech pathology and audiology	

	Speech therapy
	Therapy and rehabilitation
Travel, tourism and leisure	Adventure based activities
	Ground crew training (airports)
	Guiding, tour leading
	Leisure and tourism
	Recreation and leisure
	Recreation management
	Tourism
	Tourist trades
	Travel agency services
	Travel and tourism
	Travel services
Transport services	Air crew (flying and navigation)
	Air traffic control
	Air traffic safety
	Aircraft operation
	Cabin crew training
	Communications (air, railway, road etc.)
	Crane and truck driving
	Mail operations
	Nautical science
	Navigation technologies
	Postal services
	Railway operations
	Road motor vehicle operations
	Seamanship
	Seamen's programmes/qualifications
	Ship operation
	Shipping
	Stewardess/steward training (air)
Transport studies	