HEALTH SERVICES ACADEMY SPECIAL PhD PUBLIC HEALTH ADMISSION TEST

PhD Public Health		
Sr. No.	**Core Areas**	**Percentage**
1.	Epidemiology	15%
2.	Biostatistics	15%
3.	Research Methods	10%
4.	Health Indicators	10%
5.	Child and Reproductive Health	10%
6.	Health Policy, Planning and Management	10%
7.	Logical thinking and Math	15%
8.	English Language	15%
	Total	**100%**

PhD Public Health (Detailed)		
Sr. No.	**Core Areas**	**Percentage**

1.	**EPIDEMIOLOGY**
	
	    ➧ Definition of Epidemiology
	    ➧ Importance of Epidemiology
	    ➧ Relative risk, Odds ratios etc.
	    ➧ Inferential Epidemiology
	    ➧ Validity and Reliability
	    ➧ Rates, Ratios, Incidence, Prevalence
		15%

2.	**BIOSTATISTICS**
	
	    ➧ Introduction to Statistics
	    ➧ Types of statistical applications
	    ➧ Scales of measurements
	    ➧ Descriptive Statistics
	    ➧ Sampling techniques, Sampling errors/ Confidence Intervals
	    ➧ Concepts of Analytical Statistics: Hypothesis testing:
	    ➧ Tests of Significance: Normal test, t test, Chi square test etc.
		15 %

3.	**RESEARCH METHODS**
	
	    ➧ Definition of research
	    ➧ Importance of research in public health
	    ➧ Selection of topic for research
	    ➧ Preparing the background for the proposal writing
	    ➧ Parts of proposal writing, methodology
	    ➧ Choosing the statistical techniques etc
		10 %

4.	**HEALTH INDICATORS** ➧ Current health status /indicators of Pakistan	**10 %**

5.	**CHILD HEALTH AND REPRODUCTIVE HEALTH**
	
	    ➧ Strengthening The Health Systems for Child and Maternal Health
	    ➧ Mother and Child health: Global Issues
	    ➧ Contraceptive use
	    ➧ Determinants of maternal mortality
	    ➧ Delays in obstetrical care provision
	    ➧ RH needs of sub groups
	    ➧ Integrated approach to provision of reproductive health services
		10 %

6.	**HEALTH POLICY & PLANING**
	
	    ➧ Introduction to Health Policy and Planning
	    ➧ A comparison between Macro and Micro Level Policies
	    ➧ Role of stakeholders	

	$\triangleright$ Role of International Commitments on Health Policies (MDGs,) $\triangleright$ Evidence-based Policy Making $\triangleright$ Advocacy $\triangleright$ Leadership and Policy **HEALTH MANAGEMENT** $\triangleright$ Introduction to Health System and Scope of Health Systems in Management $\triangleright$ Managing Health System for Better Outcomes, Global Issues and Priorities for Pakistan $\triangleright$ Supportive supervision & leadership $\triangleright$ Capacity building in human resource management		**10%**
7.	**LOGICAL THINKING AND MATH** $\triangleright$ Logical Thinking $\triangleright$ Simple Mathematics		**15%**
8.	**ENGLISH LANGUAGE** $\triangleright$ English Passage for Comprehension $\triangleright$ Synonyms $\triangleright$ Antonyms $\triangleright$ Fill in the blanks		**15%**
	Total		**100%**

Note: