

## <u>Table of Specification – PhD Physiology - Spring 2024</u> <u>NUMS Entry Test</u>

Sr. No	Торіс	MCQs
1.	Cell Physiology and Homeostasis, Body fluid, Lymph and Blood Physiology	10
2.	Cardio Vascular System	10
3.	Gastrointestinal, Liver and Renal Physiology	10
4.	Pulmonary Physiology (Respiration)	10
5.	Physiology of Endocrines and Reproduction	10
6.	Neurosciences (Sensory, Motor, Special Senses & Higher Mental Function, ANS)	10
7.	Nerve, Muscle, Sports and Physiology of Unusual Environment	10
8.	Molecular Biology  DNA: Structure and Function  RNA: Structure and Function & Types  Protein: Structure and Function  DNA regulatory sequences and regulatory protein  DNA Replication, Damage and Repair  Transcription/ Translation in Prokaryotes & Eukaryotes	10
9.	Techniques  O PCR types and procedure  DNA/RNA Extractions Restriction Endonucleases Recombinant DNA technology Gel Electrophoresis	05
10.	<ul> <li>Research Methodology</li> <li>Biostatistics/Analytical</li> <li>Medical writing/Bioethics</li> </ul>	15
Total		100