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**School of Medical and Allied Sciences**  
**Master of Physiotherapy Specialization in Sports Medicine**  
**Semester End Examination - May 2024**

**Duration : 180 Minutes**

**Max Marks : 100**

**Sem IV - MPTS6007 - Sports Physiotherapy-II**

*General Instructions*

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) What are the advantages of evaluation range of motion K1 (2)
- 2) Illustrate the emergency medical services system. K2 (4)
- 3) Illustrate abnormal vital signs and possible causes. K2 (6)
- 4) Identify the underlying principles of bandaging. Discuss how the application of these bandages can provide support to injured joints or muscles, K3 (9)
- 5) Identify the on-field assessment of a upper limb injury in athletes? K3 (9)
- 6) Importance of Red Flags” and what it Indicates. K5 (10)
- 7) Identify the initial assessment for tennis player suspected ACL injury on the field K4 (12)
- 8) Explain the underlying principles of High Velocity, Low Amplitude thrust techniques, this can be used to address musculoskeletal pain. K5 (15)
- 9) Explain what are the specific considerations when applying High Velocity, Low Amplitude techniques to the cervical spine? K5 (15)
- 10) Estimate how aging influences injury risk in athletes. Discuss both acute and chronic injury K6 (18)