



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. A basketball player complaining of anterior knee pain of gradual onset. What are the differential diagnoses? Make a provisional diagnosis by reasoning and plan an assessment and rehabilitation of the same
2. Explain the effects of postural and strength exercises for non specific work related upper limb disorders – recent advance

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Upper and lower crossed syndromes and its management
4. Principles of injury prevention
5. Write about the various models for diagnosis and classification of chronic low back disorders
6. Gait deviations causes in transtibial amputee with a prosthetic fitting and its corrections
7. Energy conservation and joint protection techniques for a rheumatoid patient
8. Causes for failed back syndrome and its physiotherapeutic management

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