

[Time: 3 Hours]

[Max. Marks: 100]

**PHYSICAL AND FUNCTIONAL DIAGNOSIS  
PAPER - III (RS)  
Q.P. CODE: 8113**

Your answers should be specific to the questions asked.  
Draw neat, labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Discuss in detail voluntary control assessment with recent trends in it.
2. Pathological investigations used in assessing low back pain.
3. Common assessments used for muscular strength.
4. Sub maximal testing.
5. Screening tools for high risk infants.
6. Clinical EMG.
7. Determinants of gait.
8. Non-equilibrium tests.
9. Recent advance on voluntary control assessment.
10. Anthropometric measurement.