

**Q.P. Code 207351**

**Reg. No.:.....**

**Second Year M.Sc Nursing Degree Examinations September 2017**

**Clinical Specialty – II**

**Medical Surgical Nursing**

**Sub Specialty: Orthopedic Nursing**

**Time: 3 hrs**

**Max marks: 100**

- Answer all questions

**Essays**

**(4x20=80)**

1. Explain the problems of bladder and bowel elimination in patients with spinal injury. Explain the nurses' role in bladder and bowel rehabilitation of patients with spinal injury. (10+10)
2. Describe the types of spine bifide. Explain the treatment options and nursing management. (6+6+8)
3. Describe the clinical manifestations of tuberculosis of the spine. Explain the medical and nursing management. (6+6+8)
4. Explain the pathophysiology of osteoarthritis. Describe the management of osteoarthritis. (10+10)

**Short notes**

**(4x5=20)**

5. Hypervitaminosis A & D
6. Bone healing
7. Urodynamic studies.
8. Legal and ethical issues in rehabilitation

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