

**ORTHOPAEDICS**

**PAPER –IV**

**Please read carefully the important instructions mentioned on Page '1'**

**PART B**

- |     |   |       |
|-----|---|-------|
| 6.  | Write short notes on:   | 5+5   |
|     | a. BMP  |       |
|     | b. Allografts   |       |
| 7.  | Describe the anatomy of central and lateral canals in the lumbar spine in relation to lumbar canal stenosis. How will you clinically differentiate central from lateral lumbar canal stenosis. Briefly describe the management. | 4+3+3 |
| 8.  | Describe the gross physical features of synovial fluid. Discuss the characteristics features in various pathological conditions vis a vis microscopic and biochemical analysis.   | 3+7   |
| 9.  | Describe the mechanism of bacterial colonization and perpetuation in osteomyelitis after orthopedic implant surgery. How is the situation different in tubercular infection of musculoskeletal system?                          | 7+3   |
| 10. | Write short notes on:   | 5+5   |
|     | a. Chronic recurrent multifocal osteomyelitis.  |       |
|     | b. Combined angle of anteversion during total hip arthroplasty.   |       |

\*\*\*\*\*