

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.S. DEGREE EXAMINATION – July 2020

ORTHOPAEDICS

PART- II – PAPER- III: RECENT ADVANCES IN ORTHOPAEDICS

Time: Three hours

Maximum: 100 marks

(Answer **ALL** questions)
Draw suitable diagrams wherever necessary

SECTION – A

Write essays on: (1 x 20 = 20)

1. Limb salvage procedures in malignant tumours.

Write short notes on: (5 x 6 = 30)

2. Platelet rich plasma.
3. Proximal fibular osteotomy in knee osteoarthritis.
4. Computer assisted orthopaedic surgery.
5. Bioabsorbable implants.
6. a) Haemophilic arthropathy
b) Wax therapy in orthopaedics

SECTION – B

Write essays on : (1 x 20 = 20)

7. Autologous chondrocyte implantation.

Write short notes on: (5x 6 = 30)

8. Uhmwpe.
9. Masquelet procedure.
10. Unicondylar knee replacement.
11. Lumbar disc replacement
12. a) Thomas splint b) Floor reaction orthosis
