

**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE, INDIA**  
**M. S. (ORTHOPAEDICS): Winter-2022**  
**SUBJECT : PAPER – IV :**  
**(RECENT ADVANCES IN ORTHOPAEDICS, GENERAL SURGERY**  
**AS APPLIED TO ORTHOPAEDICS AND REHABILITATION)**

Day : Friday

Date : 23-12-2022

Time : 1:30 P.M. TO 4:30 P.M.

Max. Marks : 100

W-765-2022

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Q. 1** Describe the role of allografts and bone graft substitutes in current orthopedics practice. **(15)**

**Q. 2** What is flail chest? Discuss pathophysiology of flail chest and its management. **(15)**

**Q. 3** Write briefly **ANY SEVEN** of the following: **(70)**

- a) Lumbar disc replacement
- b) Floor reaction orthosis
- c) MIPO
- d) Cockup splint
- e) Jaipur foot
- f) Myoelectric prosthesis
- g) New generation cementing
- h) Carpal tunnel syndrome

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