

**M.S. (Orthopaedics) : SUMMER - 2019**  
**SUBJECT: PAPER – II: BONE AND JOINT INJURIES**

Day: Monday  
Date: 03/06/2019

**S-2019-3850**

Time: 2.00 P.M. TO 5.00 P.M  
Max. Marks: 100

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat labelled diagrams **WHEREVER** necessary.
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**Q.1** Classify Calcaneal fractures. How will you investigate and manage (15)  
communited intra articular fracture Calcaneus in a young adult?

**Q.2** Classify Epiphyseal injuries. Enumerate the complications of Epiphyseal (15)  
injuries and discuss their diagnosis and management.

**Q.3** Write notes on any **SEVEN** out of **EIGHT**: (70)

- a) Greenstick fracture
- b) Fat embolism
- c) Bone marrow concentrate injection in non-union
- d) Tension band principle
- e) Side swipe injuries of elbow
- f) Missed cervical injuries
- g) Hawkin's sign
- h) Titanium elastic nail

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