

Diploma in Orthopaedics : SUMMER - 2019
SUBJECT : PAPER – I : BASIC & APPLIED SCIENCES

Day : Saturday
Date : 01/06/2019

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

S-2019-3879

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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Q. 1 Describe the anatomy of Brchial Plexus. Discuss the clinical features, (15) investigations and treatment of Brachial Plexus injury.

Q. 2 CTEV – aetiopathogenesis, clinical features, diagnosis and management (15) principles.

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

- a) Bone Morphogenic Proteins (BMP)
- b) Management of Neurogenic Bladder
- c) Hazards and prevention of radiation exposure in Orthopaedics
- d) Role of Bisphosphonate's in Osteoporosis
- e) Fracture healing
- f) Bone Cement
- g) Management of Osteomalacia
- h) Compartments of Leg

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