

PAPER CODE: 6131

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WARANGAL, TELANGANA STATE – 506 002
D.M. /M.CH. DEGREE EXAMINATION: DECEMBER, 2025
PLASTIC SURGERY
PAPER – I
(BASIC SCIENCES)

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. Define flap, name any two classifications of flaps and describe in detail Mathes and Nahai Muscle flap classification with examples. Describe the steps of harvesting Free Radial artery forearm flap and its clinical applications.
2. a) Types of wound healing.
b) Enumerate various types of skin grafts and their applications.
c) Stages of graft uptake and factors influencing the graft uptake.
d) Measures to take 100% graft uptake.

Write a short note on the following:

4 X 10 = 40

3. Basic principles of tissue expansion and various applications in plastic surgery.
4. Pathophysiology of electrical burn upper limb. How will you salvage the limb?
5. Geometry of advancement, transposition and rotation flaps.
6. Skin bank and its applications.
