

**QP Code: 101507**

**Reg. No.:.....**

**M.Ch. (Plastic and Reconstructive Surgery) Degree Regular/Supplementary  
Examinations April 2025**

**Paper I – Basic Sciences Relevant to Plastic Surgery**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Explain transplant immunology and describe in detail the role of transplantation in plastic surgery.

**Short essays:**

**(8x10=80)**

2. Keratinocyte culture.
3. Prefabricated flaps.
4. Angiosome concept.
5. The hormonal regulation of cutaneous wound healing.
6. Bone healing.
7. Role of silicon in scars.
8. Diode laser.
9. AV malformations.

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