

QP Code:104507

Reg. No.:.....

**M.Ch. (Plastic and Reconstructive Surgery) Degree Supplementary  
Examinations February 2023**

**Paper IV - Recent Advances in 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. Discuss the mechanism of action, indications and contraindications of Negative Pressure Wound Therapy (NPWT). Compare foam versus gauze in NPWT. Discuss current evidence for NPWT.

**Short essays:**

**(8x10=80)**

2. Discuss laser resurfacing: full field and fractional
3. Discuss botulinum toxins for aesthetic uses.
4. Discuss medial and lateral nasal osteotomies.
5. Discuss autologous fat grafting to the breast. Add a note on brava assisted mega volume fat grafting for breast reconstruction.
6. Discuss current options for bridging the gap in peripheral nerves.
7. Discuss smartphone and the plastic surgeon.
8. Discuss current concepts and future challenges in facial transplantation.
9. Role of endoscopy in plastic surgery.

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