

**PLASTIC SURGERY (DIRECT 6 YEARS COURSE) PART-I****PAPER-II**Time: 3 hours  
Max. Marks:100

PLS 1/D/19/38/II

**Important Instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point, neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table / diagrams / flowchart wherever appropriate.

**Write short notes on:**

1. Draw a diagram of a Limberg flap. Enumerate its applications in Plastic Surgery. 5+5
2. Draw a diagram of a cross section of peripheral nerve. Discuss what are neurocutaneous flaps and their uses. 5+5
3. What are various formulae used for fluid management in burns? Discuss management of a child of 5 years age having 20% scald burns. 5+5
4. Outline differences between keloids and hypertrophic scars. Discuss various skin substitutes and their role in burns. 5+5
5. Vascular anatomy of volar surface of arm. Discuss different forms and uses of radial artery forearm flap. 5+5
6. What are stem cells? Discuss their use in reconstructive surgery. 3+7
7. What are tendon grafts? Discuss nutrition in tendon graft. Enumerate various roles of palmaris longus graft. 2+4+4
8. Classify musculocutaneous flaps. Discuss management and pathophysiology of a failing flap. 3+7
9. Enumerate differences between basal cell and squamous cell carcinomas of skin. What is Mohs' microsurgery? 5+5
10. How does a free non-vascularized bone graft survive? Discuss iliac crest bone graft and its uses. 3+7

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