

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

PLS 1/J/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/flowcharts wherever appropriate.

**Write short notes on:**

1. a) Geometry of rotation flap. 5+5  
b) Geometry of advancement flap.
2. a) Blood supply of skin. 5+5  
b) Angiosomes
3. a) Classification of muscle flaps based on vascularity. 5+5  
b) Delay phenomenon
4. a) Classification of Perforator flaps. 5+5  
b) Z plasty.
5. Phases of wound healing by primary intention. 10
6. a) Types of skin grafts. 5+5  
b) Reasons of skin graft failure.
7. Classification of nerve injury including their clinical and electrodiagnostic features of each types: 5+5  
a) Eddon's.  
b) Sutherland's.
8. Draw diagrams of different techniques of tendon repair. 10
9. a) Synthetic absorbable sutures. 5+5  
b) Barbed sutures.
10. a) Laser. 5+5  
b) Application of Laser in plastic surgery.

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