PLASTIC SURGERY

PAPER – I

PLS/J/17/37/I

Time : 3 hours
Max. Marks : 100

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) What are the components of ethical decision making and principles of medical ethics? 3+3+4
   b) What is informed consent?
   c) What are levels of evidence in research?

2. How do the following structures heal: 3+3+4
   a) Cut tendon
   b) Cut nerve
   c) Fractured bone

3. a) Classify malignant melanoma. 4+4+2
   b) Technique of sentinel lymph node biopsy and its role in malignant melanoma management
   c) What is Mohs micrographic surgery?

4. Basal cell carcinoma: 4+2+4
   a) Clinical presentation
   b) Histology; and
   c) Management algorithm.

5. a) Classify muscle flaps with the help of suitable diagrams. 4+3+3
   b) Give two examples of each type.
   c) How do you reduce seroma formation in muscle flap donor site?

6. a) Nerve blocks of the face. 5+5
   b) Nerve blocks of the upper limb.

7. Methods of reconstructing: 5+5
   a) ¾th loss of upper eyelid.
   b) ½ loss of upper lip.

8. a) Pathophysiology of burn wound. 4+3+3
   b) Use of hypertonic saline in burn resuscitation.
   c) Clinical presentation of inhalational burns.

P.T.O.

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9. a) Enumerate differences between hypertrophic scar and keloid. 2+4+4
   b) What is a contracture and why does a post burn contracture occur?
   c) Methods of excision of a burn wound.

10. a) Surgical anatomy of the gracilis muscle. 3+3+4
    b) Indications of free functional muscle transfer.
    c) Muscles used for free functional muscle transfer and why?

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