

PLASTIC & RECONSTRUCTIVE SURGERY (PART-II/FINAL)**PAPER-I**

Time: 3 hours

PLS2/D/20/37/I

Max. Marks:100

Important Instructions:

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *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) Anatomy of the cross-section of a peripheral nerve. 5+5
b) Classify peripheral nerve injuries.
2. a) Pathophysiology of acute electrical burns. 5+5
b) Outline the management of patient with high voltage electrical burns of right upper limb.
3. a) Describe different types of Z-plasty with diagram. 5+5
b) Describe with diagram the "rhomboid" flap.
4. Embryological development and anatomy of skin. How this knowledge helps in developing tissue engineering solutions for skin defects? 5+5
5. Vascular anatomy of hand and fingers with diagram. 10
6. Deep cervical lymph nodes: surgical anatomy and dissection. 5+5
7. Pathology and healing in vascularised bone graft. 5+5
8. Enumerate various systems of classification for cleft lip & palate with neat labelled diagrams. 5+5
9. a) Visco-elastic properties of skin. 5+5
b) Selection of surgical incisions at different sites.
10. Mention classification of flaps. Describe keystone flap and its applications. 5+5
