

PLASTIC SURGERY

PAPER – II

PLS/J/17/37/II

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) How do you plan reconstruction in a case of hemi-mandibulectomy for a Ca- Alveolus? 4+4+2
b) Recipient vessels for free flaps for oral malignancy.
c) Enumerate options for reconstruction in midline defect of the mandible.
2. Clinical features & management outline of: 4+4+2
a) Poland syndrome
b) Polydactyly
c) Clinodactyly
3. A mother presents to you with a 1-year child who has fused index middle and ring fingers. 3+4+3
a) What will be your management strategy?
b) What are the principles of syndactyly release?
c) What are the types of syndactyly?
4. A mother presents to you with her 4 months baby who has a rapidly growing pigmented mass on cheek: 4+2+4
a) What history will you elicit and what are the probable diagnoses?
b) What is Schobinger's classification?
c) What are the differences between an arterio-venous malformation and a hemangioma?
5. A 20-year old post traumatic paraplegic male presents to you with pressure sores: 3+3+4
a) How will you clinically evaluate him?
b) What are the common sites of pressure sores?
c) What is the pathophysiology of pressure sores?

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6. A 30-year old male is referred to you with a compound fracture of the tibia and fibula: 4+3+3
a) How will you evaluate him?
b) Write Gustilo's classification.
c) What are the features of an ideal amputation stump?
7. a) Surgical anatomy of the penis. 4+4+2
b) Enumerate methods of total penile reconstruction.
c) Implants used in genital reconstruction.
8. a) What are the principles of tendon transfer? 4+3+3
b) Enumerate transfers for high median nerve palsy.
c) Surgical technique of Huber's transfer.
9. A 7-year old child presents to you with a flexed wrist and fingers after a forearm fracture 4 months earlier: 3+2+5
a) What history will you elicit and what is the probable diagnosis?
b) What are the compartments of the forearm?
c) How would you do a fasciotomy of the forearm and hand?
10. A 45-year old woman presents to you with persistent pain in hand. She had undergone surgery for a forearm injury about 5 months prior: 5+5
a) What are the symptoms and signs of complex regional pain syndrome?
b) How will you manage complex regional pain syndrome?
