

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0822)

AUGUST 2022

Sub. Code: 1601

M.Ch. – PLASTIC & RECONSTRUCTIVE SURGERY

**Paper I – BASIC SCIENCES AND GENERAL PRINCIPLES IN
PLASTIC SURGERY**

Q.P. Code: 181601

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Describe the course of subscapular artery from its origin. Describe the various flaps that can be developed on subscapular artery and its branches, their vascular anatomy, design and uses.
2. Describe the development of face. Describe the merits and demerits of three common techniques used in repair of unilateral cleft lip.

II. Write notes on: **(10 x 7 = 70)**

1. Serial excision and sequential excision.
2. Bridge phenomenon.
3. Principles of thumb web plasty.
4. Keloids and hypertrophic scars.
5. Limberg flap and dufourmental flap.
6. Planning in reverse.
7. Double opposing Z-plasty.
8. Posterior interosseous artery flap in hand.
9. Low molecular weight heparin.
10. Congenital talipes equinovarus.
