

**The West Bengal University of Health Sciences**  
**M.Ch. (Plastic & Reconstructive Surgery) Examination,**  
**August 2022**

**Full Marks : 100**  
**Time : 3 hours**

Paper : I

*Attempt all questions. All Questions carry 10marks each.*

1. What is flap delay? What are its various methods? Describe the physiological basis of delay. Describe 'supercharging' and turbocharging' of TRAM flap. 1+3+2+4
2. Classify the fascio-cutaneous flaps. Outline the steps in the harvest of temporo-parietal fascial flap. Mention its various uses. 3+4+3
3. What is 'Z' plasty? What are the components of 'Z' plasty planning and enlist the gain in length with different degrees amongst the limbs. 2+4+4
4. Describe the different resuscitation formulae in burn resuscitation and the different monitoring methods during resuscitation in burns. 5+5
5. Discuss in brief the aetio-pathogenesis of lymphoedema and the management of filarial lymphoedema of leg. 5+5
6. What is angiosome ? Mention its clinical applications in plastic surgery. 3+6
7. Describe development of face. 10
8. Describe in brief anatomy of a nerve fibre. Classify the nerve injuries and enlist in brief the principles of nerve repair. 2+2+6
9. What is Furlow's palatoplasty ? Discuss its clinical merits and demerits. 5+5
10. Describe blood supply of penis and its clinical application in hypospadias surgery. 5+5