

M.Ch. – VASCULAR SURGERY
Paper – IV RECENT ADVANCES IN VASCULAR SURGERY
Q.P.Code: 181854

Time: Three Hours

Maximum: 100 marks

I. Elaborate on: **(2X15=30)**

1. Describe the recent advances in “Therapeutic angiogenesis” and their future applications.
2. Discuss briefly the principles of laser angioplasty. Describe the types of lasers available and their relative merits.

II. Write notes on: **(10X7=70)**

1. Intravascular ultrasound.
2. Newer vascular grafts.
3. Compare “In-stent Stenosis” and “Graft restenosis”.
4. Platelet Derived Growth Factor.
5. Cutting balloons.
6. Recent advances in the management of lymphedema.
7. Current theories of renovascular hypertension.
8. Newer imaging techniques in vascular disease.
9. Prostaglandin infusion therapy.
10. Stabilized umbilical vein graft.
