

SYLLABUS FOR COURSE OF O.T. TECHNICIAN THEORY TOPICS

Total-100

1. Collection and transportation of the specimen of O.T. for microbiological examination, Hospital infection, Morphology, classification and identification of microbes, Growth, transmission and destruction of microbes. **Marks -10**
2. Fluids & electrolytes & intra venous fluids & setting up of IV line. **Marks -10**
3. Shifting of OT patients (Pre & Post op) Sp. trauma patients. **Marks -10**
4. Various surgical instruments, Maintenance & care of general & special surgical instruments & equipment's, Pre Op requirement (case papers, Pt identification, consent, pre-op instruments) **Marks -10**
5. Positioning of patient for special surgical procedures, Control of Hemorrhage & resuscitation, O.T. illumination. **Marks -10**
6. Preparation of surgical field. **Marks 10**
7. Assisting at operation & setting up of instrument trolley **Marks-20**
 - (a) Gen surgery.
 - (b) Uri Surgery.
 - (c) Gastrointestinal surgery.
 - (d) Neurosurgery.
 - (e) Cardiovascular surgery.
 - (f) Orthopedic surgery.
 - (g) E.N.T surgery.
 - (h) Gynecological & Obstetric surgery.
8. Surgical sutures, Collection of specimens, Dressing material & their application, Waste disposal. **Marks-10**
9. Procedures For O.T. :- **Marks-10**
 1. Sterilization techniques
 2. O.T. Hygiene
 3. Scrubbing
 4. How to wear gloves
 5. Setting-up of IV line.
 6. Bandage & plaster application.
 7. Shirting of surgical patients, Demonstration of surgical procedures, Collection specimens, Monitoring of patients.