Paper II: Technical Subject

A. Clinical Practice of Anaesthesia (Including relevant basic sciences)
1. History of Anaesthesia. From open to modern anaesthesia, balanced anaesthesia, dissociative anaesthesia and total intravenous anaesthesia.
2. Anaesthesia machines and circuits. Physics of pressure measurement, manometers and strain gauges.
4. Assessment of patients, effects on choice and technique of anaesthesia, Radiological assessment of lung disorders.
5. Pharmacokinetics of anaesthetic drugs.
10. Pharmacology of analgesics and opioids.
17. Drugs and the autonomic nervous system.
18. Drugs used in control of blood pressure.

B. Clinical practice of Anaesthesia (Combined with relevant basic sciences)
2. Glycolysis, protein binding, fat utilization, Stress, Nutrition.
3. Shock.
4. Acute and chronic pain control.
5. Anaesthesia for general surgery.
7. Paediatric anaesthesia.
8. Geriatric anaesthesia.
10. Anaesthesia for neurosurgery. Cerebral blood flow and factors affecting.
11. Anaesthesia for vascular surgery.
12. Anaesthesia for trauma and orthopaedics.
13. Anaesthesia for burns and plastic
15. Anaesthesia outside the operating theatre.