

TN MRB Assistant Surgeon Syllabus 2018 || Check Tamil Nadu MRB Asst. Surgeon Exam Pattern @ www.mrb.tn.gov.in

TNMRB Assistant Surgeon Exam Pattern 2018:

Exam Type	Subjects	Questions	Marks	Time Duration
Objective type	Medical Sciences	200	100	2hrs30mins
	Total	200	100	

7. SCHEME OF EXAMINATION (OBJECTIVE TYPE):

Subject	Duration	Maximum Marks	Minimum Qualifying marks (%)	
			SC/SCA/ST	Others
Written examination in Optical Mark Reader (OMR) – sheet; Objective type single paper Exam for Assistant Surgeon (General)	2:30 Hours	100	30	35

MRB TN Assistant Surgeon Subject Wise Syllabus PDF:

Medical Science Syllabus:

- Microbiology.
- Pathology.
- Dermatology.
- Community Medicine.
- Forensic Medicine and Toxicology.
- Pharmacology.
- General Surgery.
- Human Anatomy.
- Biochemistry.
- Human Physiology
- Pediatrics.
- General Medicine.
- Obstetrics and Gynaecology including Family Planning
- Anatomy.
- Physiology.
- Radio Diagnosis.
- Skin & VD.
- Surgery.
- Medicine.
- Anesthesiology.
- Paediatrics.

- Ophthalmology.
- Psychiatry
- F.M.T.
- Orthopedics.

Human Physiology:

- Functions of cerebellum
- Basal ganglia
- Conduction and transmission of impulse mechanism of contraction
- Neuromuscular transmission
- Descending pathways
- Physiology of sleep and consciousness.
- Blood: Development, regulation, and the fate of blood cells.
- Cardio-vascular, cardiac output, regulation of cardiovascular functions
- Physiology of reproductive system: menstrual cycle, lactation, pregnancy.
- Reflexes

Biochemistry

- Vitamins and minerals.
- Restriction fragment length polymorphism (RFLP).
- Polymerase chain reaction (PCR).
- Radioimmunoassays (RIA).
- Organ function tests-liver, kidney, thyroid
- Protein synthesis.

Pathology

- Differentiation between benign, malignant, primary and metastatic malignancies
- Oral cancer, cancer cervix, leukemia, Etiology.
- Histopathology of rheumatic and ischemic heart disease.
- Glomerulonephritis, tuberculosis, acute osteomyelitis.
- Inflammation and repair, disturbances of growth and cancer

Microbiology

- Shigella, Herpes, Dengue, Polio
- Humoral and cell-mediated immunity
- Meningococcus, Salmonella
- HIV/AIDS, Malaria, E. histolytica, Giardia
- Candida, Cryptococcus, Aspergillus
- Diseases caused by and laboratory diagnosis

Pharmacology

- Antipyretics and analgesics, Antibiotics, Antimalaria; Antikala-Azar, Antidiabetics
- Antihypertensive, Antiviral, Antiparasitic, Antifungal, Immunosuppressants
- Anticancer

Forensic Medicine and Toxicology Syllabus

- Poisoning, sedative overdose
- Forensic Examination of injuries and wounds
- Examination of blood and seminal stains
- Hanging, drowning, burns, DNA Study.

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