

TABLE OF SPECIFICATIONS FOR MS ANESTHESIA INTERMEDIATE EXAMINATION

Sr #	SUBJECT	TOPICS	SUBTOPICS	MCQs
1.	GENERAL SURGERY	Basic Principles of surgery	<ul style="list-style-type: none"> • Sterilization: • Methods and techniques • Sterilizing agents • Fluid And Electrolyte • Choice of fluid • Fluid deficit • Electrolyte imbalance, effects and management, • Metabolic medicine • Blood products, choice, use • Acid Base Balance • Shock and Blood Transfusion • SSI & SIRS • Wounds, healing, and tissue repair • Nutrition assessment, malnutrition, BMI • TPN, Enteral, parenteral, gastrostomy, jejunostomy: management, complications and contraindications • BURNS: • Types of burns • Management 	30
		Trauma	<ul style="list-style-type: none"> • PERIOPERATIVE CARE: 	7

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			<ul style="list-style-type: none"> • Preoperative assessment • Intraoperative and post operative care • CRITICAL CARE: • BLS & ATLS • HEAD AND NECK: • Neck and spine trauma, management and care • Brain injury: neurological deficits, extra and sub dural hematomas, subarachnoid hemorrhage, management • Thoracic injuries • Bone fractures • Abdominal injuries • Pelvic injuries • Extremities 	
		Miscellaneous	<ul style="list-style-type: none"> • Principles of laparoscopy • Organ transplant: graft rejections, drugs used in rejection prevention, immunosuppressants, side effects, contraindications • Antibiotics • Diagnostic imaging and their principles • Principles of oncology: grading staging, chemo radio, screening, 	3

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			palliative care, pain relief	
		TOTAL	•	40
2.	PRINCIPLES OF GENERAL MEDICINE	ENDOCRINOLOGY	<ul style="list-style-type: none"> • Diabetes • Thyroid 	8
		CVS	<ul style="list-style-type: none"> • Congestive Cardiac Failure • Hypertension • Valvular lesions 	7
		Respiratory Medicine	<ul style="list-style-type: none"> • • Pneumonia • COPD • Asthma • ARDS 	8
		HEPATOLOGY	<ul style="list-style-type: none"> • • Hepatitis • Liver Cirrhosis 	5
		HAEMATOLOGY	<ul style="list-style-type: none"> • • Anemia • Malnutrition (TPN) 	3
		PHARMACOLOGY	<ul style="list-style-type: none"> • • Antibiotics • Antihypertensives • Diuretics • Hypoglycemic Agents • Anticoagulants 	9
		TOTAL		40
3.	APPLIED BASIC SCIENCES (ANATOMY, PHYSIOLOGY, PHARMACOLOGY, PATHOLOGY)	Anatomy		05
			<ul style="list-style-type: none"> • Airway 	2
			<ul style="list-style-type: none"> • Nerve plexus 	3

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		Pharmacology	•	06
			• Local anesthetics	2
			• Induction agent	1
			• Neuromuscular blocker	2
			• Analgesics	1
		Physiology	•	06
			• CVS	1
			• Respiratory	3
			• CNS	1
			• Renal	1
		Pathology	•	3
			• Hypersensitivity Reactions	2
			• Wound Healing	1
		TOTAL		20
	TOTAL			100

The candidate scoring 60% marks shall be declared pass and shall be eligible to appear in clinical examination

Prof. Kana Altaf Ahmed
(Chairperson)

