

KEY TO UTILIZATION OF QUESTION RATING

Impact	Medical Impact "not knowinG" is likely to have in the outcome of the patient, including being able to get advice /support from seniors (i.e. may have enough time to "look up"
Frequency	Likelihood of condition presenting as well as significance in previous Dip PEC papers
Combined	Additive Score of Impact and Frequency in order to determine percentage of which paper should consist and level of accuracy for marking

KEY TO COMBINED SCORING

2	Least Important (maximum 15% of paper) - exam may not include any questions in this category
3	Less important - questions that may come up, some of the paper should be taken from this senction (maximum 25%)
4	Of Moderate Importance - questions adding "bread and butter" to paper
5	Important - combined with 6 should make up at least 30% of paper - critical questions for accuracy
6	Great Importance - combined with 5 should make up at least 30% of paper - critical questions for accuracy

In addition each paper should include 5-10% of ethics type questions (see last column)

	Impact	Frequency	Combined	Written	OSCE	Oral	All	Ethics
PAPER 1								
1.1 EMERGENCY MEDICAL SERVICES (EMS)								
Pre-Hospital care	3	2	5	x		x		x
Model systems/local systems	1	1	2	x		x		
EMS training and scope of practice	1	1	2	x		x		x
Regionalisation/categorisation of care/trauma centres	1	1	2	x	x	x	x	
Disaster planning	3	1	4	x	x	x	x	x
Triage	3	2	5	x	x	x	x	x
Patient transfer - Road transfer	1	2	3	x		x		x
Patient transfer - Air ambulance (including helicopter and fixed wing)	1	2	3	x		x		x
1.2 TRAUMA - RECOGNITION AND INITIAL MANAGEMENT								
Initial approach to the trauma patient	3	3	6	x	x	x	x	
General principles of paediatric trauma	3	1	4	x	x	x	x	
Priorities in multiple trauma	3	3	6	x	x	x	x	x
Head and facial trauma	2	2	4	x		x	x	
Spinal trauma	2	1	3	x	x	x	x	
Chest trauma - Blunt/penetrating	2	1	3	x		x	x	
Chest trauma - Pneumothorax	2	1	3	x	x	x	x	
Chest trauma - Pericardial tamponade	2	1	3	x	x	x	x	
Chest trauma - Massive haemothorax	2	1	3	x	x	x	x	
Chest trauma -Open chest wound	2	1	3	x	x	x	x	
Chest trauma -Ruptured aorta	2	1	3	x		x		
Abdominal trauma - Blunt/penetrating	2	1	3	x		x		
Abdominal trauma -Indications for diagnostic peritoneal lavage	1	1	2	x		x		
Urogenital trauma	1	1	2	x		x		
Extremity trauma	2	1	3	x		x		
Early management of fractures and dislocations	2	2	4	x	x	x	x	
Explosive injuries	2	1	3	x	x	x	x	
Crush syndrome	2	1	3	x		x		
Burns	2	2	4	x	x	x	x	
1.3 ENVIRONMENTAL EMERGENCIES – DIAGNOSIS AND INITIAL MANAGEMENT								
Frost-bite and other localised cold-related injuries	1	1	2	x		x		
Hypothermia	1	1	2	x		x		
Heat emergencies	1	1	2	x		x		
Insect and arachnid bites	2	2	4	x	x	x	x	
Snake bites and scorpion stings	2	2	4	x	x	x	x	
High altitude emergencies	1	1	2	x		x		
Diving emergencies	1	1	2	x		x		

1.4 SURGICAL AND RELATED SPECIALTY EMERGENCIES								
1.4.1 Neurosurgery								
Intracranial haemorrhage (extra-dural, sub-dural, subarachnoid, intra-cerebral)	2	2	4	x	x	x	x	
1.4.2 Cardiothoracic Surgery								
Indications for thoracotomy in Emergency Units/Casualty departments	1	1	2	x	x	x	x	
1.4.3 Abdominal Surgery								
Approach to the acute abdomen	3	3	6	x	x	x	x	
Gastro-intestinal haemorrhage	2	2	4	x		x		
Foreign body ingestion	1	1	2	x	x	x	x	
Ruptured aortic aneurysm	1	1	2	x		x		
1.4.4 Urogenital Emergencies								
Testicular torsion	1	1	2	x		x		
Urological stone disease	1	1	2	x		x		
1.4.5 Emergencies related to the Musculoskeletal System								
Threatened limb	2	1	3	x		x		
Neurovascular extremity examination	2	2	4	x	x	x	x	
Strains/sprains/fractures	2	2	4	x	x	x	x	
Dislocations	1	1	2	x	x	x	x	
Soft tissue injury/infection	2	1	3	x		x		
Septic joint	1	1	2	x		x		
1.4.6 ENT Emergencies								
Epistaxis/septal haematoma	1	1	2	x		x		
Foreign bodies	1	1	2	x	x	x	x	
Infections	1	1	2	x		x		
Upper airway obstruction	2	2	4	x	x	x	x	
Dental emergencies	1	1	2	x		x		
1.4.7 Ophthalmological Emergencies								
Causes of the red eye	1	2	3	x	x	x	x	
Eye trauma	1	1	2	x		x		
Causes of visual Impairment	2	2	4	x		x		
1.5 ETHICS IN EMERGENCY MEDICINE								
Ethics of resuscitation	2	2	4	x		x		x
Patient autonomy and informed consent	1	1	2	x		x		x
Organ donation	2	1	3	x		x		x
Declaration of death	2	2	4	x		x		x

Professional and vicarious liability	1	1	2	x		x		x
PAPER 2								
1.6 MEDICAL EMERGENCIES								
1.6.1 Neurological Emergencies								
Coma	3	3	6	x		x		
Altered/Deteriorating Consciousness	3	3	6	x		x		
Meningitis	2	1	3	x		x		
Seizures	3	1	4	x		x		
Cerebral vascular incident	3	1	2	x		x		
1.6.2 Cardiovascular Emergencies								
Co-ordination and usage of cardiac and peri-arrest drugs	2	3	5	x	x	x	x	
Treatment of ventricular fibrillation/ventricular tachycardia	2	2	4	x	x	x	x	
Treatment of asystole/pulseless electrical activity/bradyarrhythmias	2	2	4	x	x	x	x	
Chest pain evaluation	3	3	6	x		x		
Recognition and treatment of tachyarrhythmias	2	1	3	x	x	x	x	
Recognition and treatment of hypertensive emergencies	2	1	3	x		x		
Myocardial infarction	2	2	4	x		x		
1.6.3 Pulmonary Emergencies								
Evaluation of dyspnoea	3	3	6	x		x		
Acute respiratory failure	3	1	4	x		x		
Acute asthma and exacerbation of chronic obstructive pulmonary disease	3	3	6	x		x		
Pulmonary oedema	2	2	4	x		x		
Pulmonary embolus	2	2	4	x		x		
Foreign body	1	1	2	x	x	x	x	
Pneumothorax	1	1	2	x	x	x	x	
Pneumonia	1	1	2	x		x		
Inhalation injury	1	1	2	x		x		
1.6.4 Gastrointestinal Emergencies								
Diarrhoea and dehydration	1	3	4	x		x		
Peptic ulcer disease	1	1	2	x		x		
Pancreatitis	1	1	2	x		x		
Acute jaundice	1	1	2	x		x		
1.6.5 Endocrine and Metabolic Emergencies								
Electrolyte abnormalities	2	2	4	x	x	x	x	
Acid base abnormalities	3	3	6	x	x	x	x	
Hypo- and hyperglycaemia	3	3	6	x	x	x	x	

Thyroid and adrenal disorders	1	1	2	x		x		
1.6.6 Urogenital Emergencies								
Sexually transmitted diseases	1	1	2	x		x		
Epididymitis	1	1	2	x		x		
1.6.7 Infective Emergencies								
Meningococcal septicaemia	3	1	4	x	x	x	x	
Malaria	2	3	5	x	x	x	x	
Tetanus	2	2	4	x	x	x	x	
HIV infection and AIDS	3	3	6	x		x		x
Rabies	2	2	4	x	x	x	x	
Fever of unknown origin, including haemorrhagic fevers	2	2	4	x	x	x	x	
Influenza	1	1	2	x		x		
1.1.8 Psychosocial Emergencies								
Recognition of acute psychosis	2	1	3	x		x		
Suicidal and homicidal evaluation	2	1	3	x		x		
Recognition of behavioural disorders caused by organic illness	1	1	2	x		x		
Performance of mental status examination	2	2	4	x	x	x	x	
1.7 PAEDIATRIC EMERGENCIES								
Common neonatal problems	2	2	4	x		x		
The premature infant	1	3	4	x		x		
Sudden infant death syndrome	3	1	4	x		x		
Meningitis	2	2	4	x		x		
ENT emergencies in children (eg croup, epiglottitis)	2	2	4	x		x		
Bronchiolitis	2	2	4	x		x		
Asthma	2	2	4	x		x		
Paediatric abdominal emergencies	1	1	2	x		x		
Paediatric exanthems	1	1	2	x	x	x	x	
1.8 OBSTETRIC AND GYNAECOLOGICAL EMERGENCIES								
1.8.1 Emergencies Related to Pregnancy								
Ectopic pregnancy	2	2	4	x		x		
Abortion	1	1	2	x		x		x
Antepartum haemorrhage	1	2	3	x		x		
Normal delivery	1	1	2	x		x		
Abnormal delivery	2	2	4	x		x		
Postpartum haemorrhage	1	2	3	x		x		

1.8.2 Gynaecological Emergencies								
Vulvovaginitis	1	1	2	x		x		
Sexually transmitted diseases	1	2	3	x		x		
Gynaecological causes of the acute abdomen	1	1	2	x		x		
Rape and sexual assault	3	3	6	x	x	x	x	x
1.9 TOXICOLOGICAL EMERGENCIES								
Recognition of clinical syndromes: Coma	1	2	3	x	x	x	x	
Recognition of clinical syndromes: Anti-cholinergic	1	2	3	x	x	x	x	
Recognition of clinical syndromes: Cholinergic	1	2	3	x	x	x	x	
Recognition of clinical syndromes: Narcotic	1	2	3	x	x	x	x	
Recognition of clinical syndromes: Sympathetic	1	2	3	x	x	x	x	
Initial treatment and removal of poisons: Agent-specific therapy	2	2	4	x	x	x	x	
Initial treatment and removal of poisons: Role of poison centres	1	1	2	x		x		
Initial treatment and removal of poisons: Decontamination	1	1	2	x	x	x	x	
TOPICS RELEVANT TO BOTH PAPERS (1 AND 2)								
1.10 BASIC PRINCIPLES OF EMERGENCY CARE								
Recognition of threats to life and limb	3	3	6	x	x	x	x	
Evaluation of the Emergency Centre/Casualty Department patient	3	3	6	x	x	x	x	
Cardiopulmonary Resuscitation: One- and two-rescuer CPR	3	3	6	x	x	x	x	
Cardiopulmonary Resuscitation: Conscious and unconscious victim	3	3	6	x	x	x	x	
Cardiopulmonary Resuscitation: Choking victim	3	3	6	x	x	x	x	
Cardiopulmonary Resuscitation: Neonatal resuscitation	2	2	4	x	x	x	x	
1.11 APPROACH TO SHOCK								
Shock : Definition and clinical findings	3	3	6	x	x	x	x	
Differential diagnosis: Hypovolaemic Shock	3	3	6	x	x	x	x	
Differential diagnosis: Distributive (septic, anaphylactic, neurogenic) Shock	3	3	6	x	x	x	x	
Differential diagnosis: Cardiogenic Shock	3	3	6	x	x	x	x	
Differential diagnosis: Obstructive Shock	3	3	6	x	x	x	x	
Pharmacological principles of resuscitation in shock: Kinds of fluids	2	2	4	x	x	x	x	
Pharmacological principles of resuscitation in shock: Fluid replacement	2	2	4	x	x	x	x	
Pharmacological principles of resuscitation in shock: Inotrope usage	2	2	4	x	x	x	x	
CLINICAL AND PRACTICAL SKILLS								
1.12 CARDIOPULMONARY RESUSCITATION								
CPR : Adult	3	3	6	x	x	x	x	x
CPR : Child and infant	3	3	6	x	x	x	x	x
CPR : Neonatal	3	3	6	x	x	x	x	x

1.13 ECG MONITOR / DEFIBRILLATOR USAGE								
Defibrillator operation and usage (manual and automated)	3	3	6	x	x	x	x	
Pacing	2	2	4	x	x	x	x	
Synchronised cardioversion	2	2	4	x	x	x	x	
Arrhythmia recognition and management	2	3	5	x	x	x	x	
1.14 AIRWAY CONTROL								
Bag-valve-mask ventilation	3	3	6	x	x	x	x	
Endotracheal intubation and rescue devices and techniques	2	2	4	x	x	x	x	
Cricothyroidotomy	1	1	2		x		x	
Confirmatory devices	1	1	2	x	x	x	x	
Ventilator principles	2	2	4	x	x	x	x	
1.15 VASCULAR ACCESS TECHNIQUES AND CONTROL OF HAEMORRHAGE								
Arterial line insertion	1	1	2	x	x			
Central line insertion	1	1	2	x	x			
1.16 LACERATION REPAIR								
Suture material, needles, instruments	1	1	2		x			
Types of wounds	1	1	2	x	x	x	x	
Wound preparation	1	1	2	x	x	x	x	
Tetanus prophylaxis	2	2	4	x	x			
Local anaesthesia and blocks	2	2	4	x	x	x	x	
1.17 SPLINTING AND SPINAL IMMOBILISATION TECHNIQUES								
	2	2	4	x	x	x	x	
1.18 RADIOLOGY INTERPRETATION								
X-ray review – including fracture identification	2	2	4		x			
CT scan review	1	1	2		x			
1.19 GASTRIC LAVAGE								
	1	1	2	x	x	x	x	
1.20 SUPERFICIAL ABSCESS – INCISION AND DRAINAGE								
	1	1	2	x	x	x	x	
1.21 NASAL PACKING								
	1	1	2	x	x	x	x	
1.22 PERICARDIOCENTESIS								
	1	1	2	x	x	x	x	
1.23 NEEDLE THORACOSTOMY								
	1	1	2					
1.24 THORACOSTOMY TUBE DRAINAGE								
	2	2	4	x	x	x	x	
1.25 OBSTETRIC EMERGENCIES								

Normal delivery	1	1	2	x	x	x	x	
Abnormal delivery	3	3	6	x	x	x	x	x