



**FCS(SA) Primary – Blueprint**  
**The distribution of topics is a guide only**

<b>Paper 1</b>	
<b>Anatomy</b>	
Abdomen	4
Abdomen - Abdominal Organs - Colon	1
Abdomen - Abdominal Organs - Gall Bladder	1
Abdomen - Abdominal Organs - Liver	3
Abdomen - Abdominal Organs - Pancreas	1
Abdomen - Abdominal Organs - Vasculature	4
Abdomen - Abdominal Wall	2
Adrenal	1
Anus	2
Anus & Continence Mechanisms	1
Autonomic Nervous System - Sympathetic Nervous System	1
Autonomic Nervous System - Parasympathetic Nervous System	1
Autonomic Nervous System	1
Axilla	1
Peripheral Vascular System	1
Bones	1
Bones - Pelvis	1
Brachial Plexus	2
Chest	1
Chest - Bronchii	1
Chest - Chest Wall	2
Chest - Great Vessels	1
Chest - Heart	2
Chest - Lungs	3
Chest - Mediastinum	2
Chest - Oesophagus	1
Chest - Ribcage	1
Chest - Thoracic Inlet	1
Chest - Trachea & Bronchii	1
Cranium	2
Cranium - Base of Skull	2
Cranium - Bones	1
Cranium - Brain	2
Cranium - Brain - Brainstem	1
Cranium - Brain - Cerebellum	1
Cranium - Brain - Cortex	1
Cranium - Cranial Nerves	4
Cranium - Vasculature	3
Diaphragm	1
Ear	2
Embryology	4

Epididymis	1
Eye	1
Face	3
Face - Nose	1
Female Genitalia (External)	1
Femoral Triangle	2
Foetal Anatomy	1
Great Vessels	1
Groin	2
Hip	1
Joints	2
Kidneys	1
Lacrimal Gland	1
Larynx	1
Lower Limb - Ankle	2
Lower Limb - Femur	1
Lower Limb - Foot	1
Lower Limb - Gluteal Region	1
Lower Limb - Hip	2
Lower Limb - Knee	2
Lower Limb - Leg	2
Lower Limb - Thigh	2
Lymph Nodes	1
Lymphatic System	2
Mandible	2
Microanatomy	1
Mouth & Pharynx	1
Neck	2
Neck Vertebrae	1
Orbit	1
Parotis	1
Pelvis	2
Pelvis - Bladder	1
Pelvis - Male Genitalia	1
Pelvis - Perineum	1
Pelvis - Rectum	1
Pelvis - Uterus, Tubes & Ovaries	1
<b>TOTAL</b>	<b>120</b>

**Paper 2**

<b>Physiology</b>	
Absorption	2
Acid Base	2
Adrenal Cortex	2
Adrenal Medulla	1
Arterial Function	1
ATP	1
Autonomic Nervous System	1
Autonomic Nervous System - Sympathetic Nervous System	1
Autonomic Nervous System - Parasympathetic Nervous System	1
Blood Circulation	1
Brain Function	1
Breast and Lactation	2
Cardiac Electrophysiology	1
Cardiac Function	1
Cell Mediated Immunity	1
Cell Membranes	1
Cerebral Blood Flow	1
Clotting	1
Control of Blood Pressure	1
Control of Blood Volume	1
CSF & Blood Brain Barrier	1
Endocrine Adrenal	1
Endocrine Pancreas	1
Endorphins	1
Fat Metabolism	1
Fluid & Electrolytes	1
Gall Bladder Function	1
GIT Physiology	1
Hollow Viscus	1
Glucose Metabolism	1
Interleukins & Cytokines	1
Intracellular Fluid	1
Iron Metabolism	1
Liver Function	1
Lung Function	1
Male Reproductive	1
Muscle Function	1
Neuromuscular Junction	1
Ovulation, Menstruation & Conception	1
Oxygen & CO <sub>2</sub> transport	1
Pulmonary Circulation	1
Pulmonary Function	1
Renal Function	1
Respiratory exchange	1
Response to Exercise, Stress & Altitude	1

<b>Pathology</b>	
Allergic Reactions	1
Biology of Different Cancer	1
Bone	1
Cell Death, Injury & Apoptosis	2
Cell Mediated Immunity	1
Chemotherapy - Mechanism of Action	1
General Pathological Mechanisms	3
Genetics - Basis of Disease	1
Genetics - Cell Biology	1
Genetics - Mendelian Genetics	1
Haematology - Blood Cross Matching	1
Haematology - Fibrinolysis	1
Haematology - Platelets	1
Haemostasis - Abnormal	1
Haemostasis - Normal	2
Hepatic Function	1
HIV	2
Immunology	1
Immunology - Abnormal Responses	1
Immunology - Cell Mediated	1
Immunology - Humoral Immunity	1
Immunology - Non-Specific	1
Lymphomas	1
Microbiology - Bacterial Infections	2
Microbiology - Fungal Infections	2
Neuroendocrine Tumours (NETS)	1
Oncological Principles	2
Oncology - Cancer of Specific Organs - Breast	1
Oncology - Cancer of Specific Organs - Thyroid	1
Paraneoplastic Syndrome	1
Parasitology	1
Precancerous Conditions	1
Prostaglandins	1
Response to Injury	2
Transplantation - General Principles	1
Transplantation - Immunology	1
Wound Healing	1
<b>Pharmacology</b>	
Antibiotics - Mechanisms of Action	2
Antibiotics - Mechanisms of Action - Mechanism of Antibiotic Resistance	1
Anticoagulants	1
Anti-Inflammatories	1
Autonomic Nervous System - Sympathetic Nervous System	1
Autonomic Nervous System - Parasympathetic Nervous System	1
Drug Absorption	1
Drug Excretion	1
Local Anaesthetics	1
Mechanism of Action	1

<b>Miscellaneous</b>	
Applied Statistics	2
Asepsis, Antisepsis & Infection Control	1
Diathermy Principle & Safety	1
Evidence Based Medicine	1
Fracture Management	1
Knot Tying	1
Minimal Access Surgery	1
Principles of Anastomosis	2
Radiation	2
Suture Materials & Needles	1
Tendon Repair	1
<b>TOTAL</b>	<b>120</b>

**JOHANNESBURG**  
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