

Paper- C (CVS and Respiratory modules)

Subject	CVS		Respiratory		Total
	No. of MCQs	Topics from where Qs to be made	No. of MCQs	Topics from where Qs to be made	
Gross Anatomy	9	<ol style="list-style-type: none"> 1. Surface Anatomy 2. Coronary Circulation 3. Pericardium 4. Conduction system of the heart 	12	<ol style="list-style-type: none"> 1. Gross anatomy of thorax 2. Abnormalities of thoracic wall 3. Diaphragm 4. Mediastinum 5. Introduction to respiratory system 6. Trachea, bronchi & lungs 7. Mechanics of respiration 8. Pleura 	21
Histology	4	<ol style="list-style-type: none"> 1. Histology of heart muscles 2. Histology of blood vessels 	4	<ol style="list-style-type: none"> 1. Respiratory epithelium and connective tissues 2. Surfactant, alveolar septum, alveolar pores and alveolar macrophages 	8
Embryology	5	<ol style="list-style-type: none"> 1. Fetal circulation 2. Cardiac developmental anomalies 3. Development of arteries and veins 	3	<ol style="list-style-type: none"> 1. Development of Diaphragm 2. Development of Ribs 3. Development of Respiratory system 4. Development of pleural cavity 	8
Physiology	34	<ol style="list-style-type: none"> 1. Cardiac muscles 2. Coronary circulation 3. Cardiac cycle 4. Cardiac output 5. Blood flow 6. Functions of heart valves 7. Lymphatic system 8. Blood Pressure 9. Circulatory Shock 10. Excitation and contraction of cardiac muscles 11. ECG 	20	<ol style="list-style-type: none"> 1. Mechanics of Respiration 2. Lung compliance 3. Lung volumes and capacities 4. Functions of respiratory passage ways 5. Pulmonary ventilation 6. Pulmonary Circulation 7. Gas exchange 8. Transport of O₂ and CO₂ in the blood 9. Regulation of Respiration 10. Common Respiratory abnormalities 	54
Biochemistry	14	<ol style="list-style-type: none"> 1. Chemistry of Lipids 	8	<ol style="list-style-type: none"> 1. Enzymes 	22
Pathology	1	<ol style="list-style-type: none"> 1. Risk factors, and lab Diagnosis of CAD 2. Stages of atherosclerosis 	1	<ol style="list-style-type: none"> 1. Pneumonias 2. Pulmonary Tuberculosis 3. Bronchial Asthma 4. Pulmonary Edema 	2
Pharmacology	1	<ol style="list-style-type: none"> 1. Groups of drugs used in the treatment of CAD 2. Mechanisms of drugs used in the treatment of Hypertension 	0	<ol style="list-style-type: none"> 1. Anti-Aashtmatic drugs 2. Anti-Tuberculous drugs 	1
Forensic medicine	1	<ol style="list-style-type: none"> 1. Medicolegal aspects of sudden death due to cardiovascular diseases 	1	<ol style="list-style-type: none"> 1. Asphyxia 	2
Community medicine	1	<ol style="list-style-type: none"> 1. Prevention of CVD 2. Preventive strategies of hypertension 	1	<ol style="list-style-type: none"> 1. Prevention of Respiratory disorders 	2
Total	70		50		120

CVS module (total 109 hours) Respiratory module total 65 hours)

*total MCQs are distributed with a ratio of 1.7:1 (109:65)

! example= $(30/120) \times 50$ (where 30 is the total no. of MCQ for gross anatomy in individual Respiratory module out of 120 MCQs and 50 is the total MCQs required for block assessment according to the ratio of 1.7:1)