

ANNEXURE

PRACTICAL SCHEME

1. HUMAN ANATOMY

		Nos.	Marks	Total
I	Gross Spotters	12	2	24
	Upper limb (2) Lower limb (2) Abdomen (2) Pelvis perineum (1) Thorax (1) Head & Neck (2) Brain & Spinal Cord (2)			
II	Histology Spotters	12	2	24
	General (4) Systemic (8) • Paper I (4) • Paper II (4)			
III	OSPE	4	2	8
	4 stations - Surface Marking 2 from Paper I and 2 from Paper II			
IV	Discussion	4 topics		24
	Gross – Paper I	1	6	
	Paper II	1	6	
	Histology – General	1	6	
	Systemic	1	6	

Total 80 Marks

Viva – 20 Marks

Radiology	5 Marks
Osteology	5 Marks
Clinical Anatomy & Genetics	5 Marks
Embryology	5 Marks
Total	20 Marks

2. PHYSIOLOGY

LAB 1:

- | | |
|--|-----------------------------|
| 1. Major Haematology Experiment:
(RBC,WBC,DC) | 10 Marks |
| 2. Minor Haematology Experiment:
(HB, BT, CT, Blood Grouping) | 5 Marks |
| 3. Clinical Chart Discussion : | 5 Marks |
| 4. OSCE:
4 Working stations (4x5)
(General Examination, CVS,RS,CNS) | 20 Marks
20 Marks |

LAB 2 :

- | | |
|--|------------------------------------|
| 1. CNS Practical: | 10 Marks |
| 2. RS or CVS Practical: | 10 Marks |
| 3. OSCE :
4 Response stations
(Instruments, Calculations, Graph, Chart) | 20 Marks
(4x5=) 20 Marks |

GRAND TOTAL = 80 Marks

Viva - 20 Marks

General Physiology, Haematology, Muscle and Nerve Physiology, Gastrointestinal Physiology	5 Marks
Renal Physiology, Endocrine Physiology and Reproductive Physiology	5 Marks
Cardiovascular and Respiratory Physiology	5 Marks
Neurophysiology (CNS and Special Senses)	5 Marks
Total	20 Marks

3. BIOCHEMISTRY

I. Major experiment - 25 Marks

Mark Split up:

1. Provisional Diagnosis, Relevant Investigation with reference ranges - 5 Marks
2. Procedure - 5 Marks
3. Values - 5 Marks
4. Discussion -10 Marks

II. Minor experiment - 25 Marks

Identification of 2 Abnormal constituents

-2X12.5 marks =25 Marks

Minor Experiment	Spilt up	Total
Abnormal Constituent I	Identification- 2.5 marks Procedure -5 marks Discussion -5 marks	12.5Marks
Abnormal Constituent II	Identification- 2.5 marks Procedure -5 marks Discussion -5 marks	12.5Marks

Total -25 Marks

III. Charts / Suggest investigation - 15 Marks

(3 charts x 5 Marks)

IV. OSPE (3 stations) - 15 Marks

- (1 Performance stations - 1 x 5 Marks
- 2 Response station - 2 x 5 Marks)

Major experiment involving quantitative estimation of common blood analytes.

Minor experiment : Qualitative - Identification of two abnormal constituents of urine only. Identification of physiologically important compound should not be tested as part of minor qualitative experiment.

Charts / Suggest investigation

(Laboratory values of biochemical parameters relevant to the case.

(eg. Diabetic history with GTT / Liver disorder with LFT etc.)

OSPE

- Performance station should not be a repeat of Major or Minor experiment.

- Response station

Station 1- Nutrition or Equipment

Station 2- Display of investigations/tests with a clinical scenario followed by few questions

VIVA – 20 Marks

Suggested Division of topics among 4 examiners

Carbohydrates – Chemistry & metabolism, Cell, Biological Oxidation, Oxidative phosphorylation, TCA cycle	5 Marks
Proteins – Chemistry & Metabolism, Enzymes, Plasma, Function tests, Xenobiotics,	5 Marks

Tumor markers, Oncogenes, Hormones, Hemostasis and Immunity.	
Lipids – Chemistry & Metabolism, Vitamins, Nutrition, Porphyrins, Hemoglobin, Jaundice,	5 Marks
Nucleic acid Chemistry & Metabolism, Molecular Biology, Water, Electrolytes and Acid-Balance	5 Marks
Total	20 Marks