



"Workshops on Training of Examiners for OSPE, OSCE & TOACS"

FACILITATORS: Prof. Hamid Javed (SIMS, Lahore)
Dr. Noor Fatima (FMH CMD, Lahore)

ATTENDANCE SHEET

Sr	Institutions	Name of the Faculty Member	Designation	Signature
1.	Allama Iqbal Medical College, Lahore			
2.	Nishtar Medical College, Multan			
3.	Punjab Medical College, Faisalabad	Dr. Tasneem Cheema	Professor	Yasmin
4.	Quaid-e-Azam Medical College, Bahawalpur	Dr. Sofiq Ahmad	Asst Professor + HOD.	Sofiq
5.	Rawalpindi Medical College, Rawalpindi	DR. Muhammad Naeem	H.O.D Physiology R.M.C RWR	Muhammad
6.	Services Institute of Medical Sciences, Lahore.	Hamid Prof. Hamid Javed		Hamid Javed
7.	Sheikh Zayed Medical College, Rahim Yar Khan	Dr. Aftab Ahmed	Associate Prof. Prof.	Aftab
8.	CMH Lahore Medical College, Lahore.	Dr. Shahid Hasan	Professor	Shahid
9.	Lahore Medical & Dental College, Lahore	Dr. Akmal Hassan	Assoc Prof	Akmal
10.	Wah Medical College, Wah Cantt	Dr. Abdul Majid	Prof. + HOD	Abdul Majid
11.	Fatima Memorial Hospital College of Medicine & Dentistry Lahore	Dr. Shahmuzz Javed	Professor	Shahmuzz
12.	College of Medicine & Dentistry, University of Lahore, Lahore.	Dr. Arojia Arsam	Asstt Professor	Arojia
13.	Faisalabad Medical College, Faisalabad	✓		
14.	Independent Medical College, Faisalabad	DR. YASMIN/MTIZ	Professor.	Yasmin/mtiz
15.	Sargodha Medical College, Sargodha.	Dr. Saeed Akram	Assistant Professor	Saeed Akram
16.	Faisalabad Medical College Faisalabad	Dr. Shahbaz Asraf	Professor	Shahbaz

Department of Medical Education
University of Health Sciences, Lahore

Dr. Farwa Arsam. A/P Physiology L.M.D.C

Format (Practical Examination / OSPE)

MBBS First Professional Examination (Part-I)

PHYSIOLOGY (PART-I)

<u>COMPONENT</u>	<u>MARKS</u>
-OSPE	30
<p>Practical Examination will consist of OSPE having 13 stations related to Practicals, 11 non observed stations of two marks each, and 02 observed stations of four marks each.</p>	
Non-observed Stations	2 minutes at each station.
Observed Stations	4 minutes at each station
-PRACTICAL (01 Practical) Performance and Viva Voce related to Practical	20 (5+5)10 + 10 (5+5) (External + Internal)
-PROCEDURE WRITING of the Practical	05 (Internal)
-STRUCTURED VIVA VOCE (Related to the Curriculum)	30 15 + 15 (External + Internal)
-YEARLY WORK BOOK	05 (External)
-CONTINUOUS INTERNAL ASSESSMENT (Based on the percentage of marks obtained in "Class Tests" during the session.)	10 <hr/>
TOTAL	100

Conduct of OSPE

- The Batches for Major viva voce and Practical / OSPE exam will be separate on any particular day and will be 26 students strong each.
- All OSPE Questions will be sent by the Department of Examinations, UHS in sealed confidential envelopes to each center clearly marked for each day of Examination and shall be kept secure in our Regional Safety Lockers at respective centres.
- For any particular day of Examination the same OSPE questions will be sent to each center to maintain standardization.
- The sealed confidential envelope containing the OSPE questions for that particular day will be collected from the UHS regional safe locker by both the Internal and External Examiners in the presence of the Principal or his nominee and the Regional Coordinator up to Two hours before the commencement of Examination.
- Each packet of examination material will contain for that particular day the complete set of eleven non-observed OSPE questions with keys and instructions for the candidates and the examiners as well as a set of two observed OSPE questions with key and instructions for candidates and examiners.
- Instruction/ questions for the candidates will be included in the examination material and should be placed on both the observed and non-observed stations.
- The Practical Answer Books for non-observed stations will be sent separately to each centre one for each candidate.
- The candidates are to carry the Practical Answer Books from station to station of the non-observed stations and are to register their responses to each question at these desks separately on the same Practical Answer Sheet in the designated areas.
- Before leaving the Assessment Hall the candidate should deposit the Answer Book either at the “Marking Desk” or with the organizer as per decision of the convener.
- The candidates leaves the OSPE Hall will not mingle with candidates awaiting assessment, who are to be kept under supervision in a separate holding bay.
- Each batch of the candidates while waiting for the OSPE in the waiting area should be briefed about the OSPE process and the layout of the OSPE hall as well as the flow of candidates through the hall. They are not to bring any mobile phones or any other technology that could be used for communication within the premises of the examination centre.
- Any student found having mobile phone or any other electronic medium should be removed from the OSPE examination centre and an Unfair Means Case registered against him/ her.

PHYSIOLOGY
LIST OF 1ST YEAR PRACTICALS

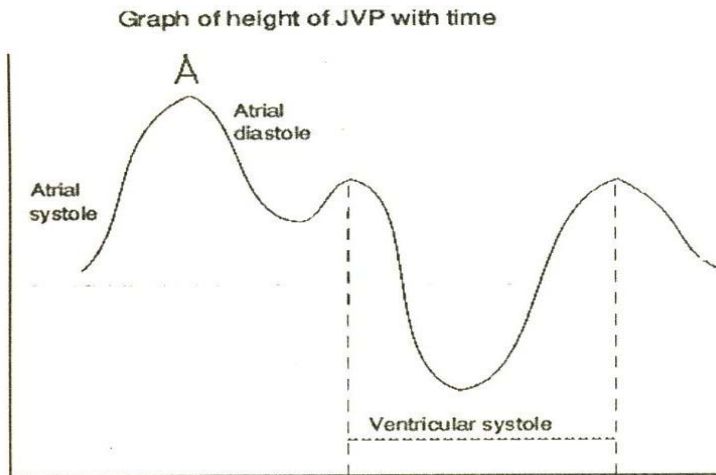
- 1- Study of compound microscope.
- 2- Estimation of Haemoglobin.
- 3- Determination of erythrocyte sedimentation rate (ESR).
- 4- Study of improved Neubauer slide.
- 5- Determination of red blood cell count.
- 6- Red cell indices and Haematocrit.
- 7- Determination of white blood cell count.
- 8- Determination of platelet count.
- 9- Differential leucocytes count (DLC) preparation of slide and focusing.
- 10- Differential leucocytes count (DLC) Slide-Focus-Counting.
- 11- Detection of bleeding time (BT) and Clotting time (CT).
- 12- Detection of blood groups (both ABO and Rh).
- 13- R.B.C Fragility.
- 14- Detection of lung volumes and capacities (spirometry).
- 15- Clinical examination of chest.
- 16- Cardiopulmonary resuscitation (CPR).
- 17- Recording of chest movement by stethography.
- 18- Measurement of blood pressure at rest.
- 19- Effect of exercise and posture on blood pressure.
- 20- Examination of Arterial Pulse, Jugular Venous Pulse (JVP).
- 21- Electrocardiography (recording of ECG).
- 22- Study of Heart sounds.
- 23- Active and reactive hyperemia.
- 24- Temperature recording at rest and immediately after exercise.

Model Questions of OSPE
(Practical Examination / OSPE)
MBBS First Professional (Part-I)
Physiology

Non Observed Stations

Question:

- i- Identify area A on the given Graph. 1
- ii- What do these pressure changes reflect? 1



Key:

- i- A = a wave on the JVP Graph. 1
- ii- Right Atrial Pressure. 1

Question:

- i- For which blood cell count, the portion of Neubauer Chamber focused is used? 1
- ii- What is the area of the smallest square in the focused portion? 1

Key:

- i- Red blood cell count 1
- ii- $1/400 \text{ mm}^2$ 1

Observed Stations

Question:

- i- Prepare an unstained blood film for DLC. 3
- ii- What are the parts of a blood film obtained by Wedge Technique? 1

Key:

- i- Check List:
 - a) The student sterilizes the tip of his finger with an alcohol swab. 0.5
 - b) Discards the first drop of blood and places the subsequent blood on one side of the slide. 0.5
 - c) Uses the second slide at an angle of 45° and makes the smear in one smooth, gentle and confident push. 1
 - d) Allows the smear to air dry. 1
- ii- A head, body and tail are obtained. 1

OSPE STATIONS (ANSWER SHEET)
(First Professional MBBS Part – I)

Station 1

i. _____.

ii. _____.

Station 2

i. _____.

ii. _____.

Station 3

i. _____.

ii. _____.

Station 4

i. _____.

ii. _____.

Station 5

i. _____.

ii. _____.

Station 6

i. _____.

ii. _____.

Station 7

i. _____.

ii. _____.

Station 8

i. _____.

ii. _____.

Station 9

i. _____.

ii. _____.

Station 10

i. _____.

ii. _____.

Station 11

i. _____.

ii. _____.

Station 12

ii. _____.

Station 13

ii. _____.



University of Health Sciences, Lahore
First Professional MBBS Part - _____
Annual / Supplementary Examination, 200_____
Structured Viva Voce Award List for Physiology

College: _____

Centre: _____

Roll Nos.	Structured Viva (Max Marks 15)	Total	
		Figures	Words

Internal Examiner: _____



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College: _____

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Roll Nos.	Structured Viva (Max Marks 15)	Total	
		Figures	Words

External Examiner: _____