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PSYCHOMETRIC
SOLUTIONS
GROUP

Examination Report

Part 2 Fellowship of the Royal College of
Ophthalmologists (FRCOphth) Oral
Examination

Pakistan – February 2024

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1 Summary

The part 2 Fellowship of the Royal College of Ophthalmologists (FRCOphth) oral examination has two elements. The Objective Structured Clinical Examination (OSCE) consists of six stations worth a total of 198 marks, whilst the Structured Viva consists of five stations worth a total of 120 marks. One of the OSCE stations is conducted with the Vivas.

A total of 2 candidates sat the examination. As such, a reduced report follows, to ensure anonymisation of individuals' scores.

The pass mark for the Structured Viva was 70.6, and the pass mark for the OSCE was 118.

Both candidates passed the Viva and the OSCE. The final overall exam pass rate was 100%.

2 Standard Setting

The pass marks for each section of the exam are identified using the Hofstee method:

2.1 Hofstee method

In this method, examiners are asked to review the parameters for the standard setting based upon their judgment of the difficulty of the stations. The following values were derived and used to set the pass mark:

- The maximum credible pass mark for the examination = 65%
- The minimum credible pass mark for the examination = 55%
- The maximum credible pass rate for the examination = 100%
- The minimum credible pass rate for the examination = 45% (OSCE), 55% (VIVA)

The cumulative fail rate as a function of the pass mark and the co-ordinates derived from the four values above are plotted on a graph. The point where a line joining the two coordinates intersects the cumulative function curve is used to identify the pass mark.

One standard error of measurement (+1SEm) is added to each element's raw Hofstee pass mark, in order to generate the final pass mark for that section.

As there was a small cohort of candidates for this particular assessment, the average raw Hofstee pass mark and average SEM from previous similar assessments were used.

3 The Structured Vivas

There were five Structured Viva stations, which were held on 21st February 2024. The communication skills OSCE station was conducted as one of the viva stations, making six stations in all that ran on the day. The OSCE communication station is not included in the analysis of the viva; it is merely administered at the same time. Each viva lasted 10 minutes. The viva stations were:

- Station 1: Patient investigations and data interpretation
- Station 2: Patient management 1
- Station 3: Patient management 2
- Station 4: Attitudes, ethics, and responsibilities.
- Station 5: Audit, research and EBM and Health promotion and disease prevention

3.1 Results

Maximum mark (five stations, 10 examiners (2 per station), 24 marks per station): 120

Table 1: Marks for the Viva

Statistic	Value	Percentage
Raw Pass mark (using Hofstee method)	70.6/120	58.8%
Mean score	101/120	84.2%
SEM (rounded)	4.8 (5)	4% (4.2%)
Final adjusted, rounded pass mark (+1 SEM)	75/120	62.5%
Pass rate	2	100%

4 The objective structured clinical examination (OSCE)

There were six OSCE stations in all. The five Clinical stations were held on different days to the Vivas (OSCE Station 6 was held with the Vivas). All were held on 22nd February 2024. The OSCE stations were:

- Station 1:** Anterior Segment
- Station 2:** Glaucoma and Lid
- Station 3:** Posterior Segment
- Station 4:** Strabismus and Orbit
- Station 5:** Neuro-ophthalmology
- Station 6:** Communication Skills (takes place logistically with viva aspect of the exam)

4.1 Results

Maximum mark (six stations, 12 examiners (2 per station), 36 marks per station (comms station 18 marks per station)): 198

Table 2: Marks for the OSCE

Statistic	Value	Percentage
Pass mark (using Hofstee method)	118/198	59.6%
Mean score	147.5/198	74.5%
SEM (rounded)	8.6 (9)	4.34% (4.5%)
Final adjusted rounded pass mark (+1 SEM)	127/198	64.1%
Final Pass rate	2	100%

5 Overall results for the oral examination

5.1 Results

Table 3: Overall results summary

Statistics	Value	Percentage
Pass Mark	202/318	63.5%
Mean	248.5/318	78.1%

To pass the oral examination candidates had to either:

- i) Pass both the Viva (by scoring $\geq 75/120$) and OSCE (by scoring $\geq 127/198$) *or*
- ii) Pass the OSCE, achieve at least 71/120 (59.2%) in the Viva, and achieve $\geq 202/318$ (63.5%) overall.

Both candidates passed the Part 2 Oral examination this diet.

Table 4: Pass rates

Statistics	Value	Percentage
Overall pass rate for the oral examination	2/2	100%

5.2 Comparison to previous examinations

Table 13: Comparison to previous examinations

Date	Candidates	Viva pass mark	Viva reliability	OSCE pass mark	OSCE reliability	Oral pass rate	Oral pass rate in OST
Feb-24 Pakistan	2	63%	-	64%	-	100%	n/a
Jan-24 Singapore	14	67%	0.8	65%	0.5	71%	n/a
Nov-23 Cairo	16	63%	0.9	66%	0.7	75%	n/a
Nov-23 Dundee	99	62%	0.8	59%	0.8	71%	n/a
Oct-23 New Delhi	8	59%	0.9	60%	0.8	50%	n/a
Oct-23 Athens	11	62%	0.9	64%	0.7	46%	n/a
Jul -23	20	64%	0.8	65%	0.9	65%	n/a
Apr-23	158	65%	0.7	63%	0.8	61%	86%
Nov-22	120	64%	0.8	60%	0.8	62%	n/a
Apr-22	114	62%	0.7	63%	0.8	68%	91%
Nov-21	119	60%	0.6	61%	0.8	73%	85%
Apr-21	74	62%	0.7	64%	0.8	77%	84%
Mar-21	46	58%	0.8	60%	0.8	70%	94%
Nov-20	86	62%	0.4	64%	0.8	74%	85%
Nov-19	85	67%	0.7	60%	0.8	71%	80%
Apr-19	84	63%	0.6	64%	0.9	64%	79%
Nov-18	106	58%	0.8	64%	0.8	58%	74%
Apr-18	74	62%	0.8	60%	0.8	70%	80%
Apr-17	105	61%	0.8	63%	0.8	66%	82%
Nov-16	107	60%	0.8	63%	0.8	71%	84%
Apr-16	61	63%	0.8	63%	0.9	56%	69%
Nov-15	72	61%	0.8	62%	0.8	69%	86%
Apr-15	77	60%	0.9	60%	0.9	62%	80%
Nov-14	79	63%	0.8	62%	0.7	63%	70%
Apr-14	104	57%	0.8	61%	0.8	58%	65%
Apr-13	109	60%	0.8	63%	0.8	57%	56%
Nov-12	103	58%	0.9	61%	0.8	58%	64%

The MCQ examination has been de-coupled from the oral examination since April 2014

Table 14: Cumulative results by deanery (September 2010 to date; not including Nov 22 data)

Country	Deanery	Number of passes	Number of candidates	Pass rate (%)
UK	East Midlands	61	84	72.6
	East of England	77	127	60.6
	East of Scotland	14	15	93.3
	London and KSS (Kent, Surrey and Sussex)	335	437	76.7
	Mersey	68	93	73.1
	North of Scotland	12	20	60.0
	Northwestern	79	125	63.2
	Northern	67	85	78.8
	Northern Ireland	18	24	75.0
	Oxford	53	63	84.1
	Peninsula (Southwest)	28	48	58.3
	Severn	48	63	76.2
	Southeast of Scotland	28	34	82.4
	Wales	51	81	63.0
	Wessex	43	71	60.6
	West Midlands	94	149	63.1
	West of Scotland	44	65	67.7
Yorkshire	94	145	64.8	
OS	Eire	2	3	66.7
	Europe and Overseas	53	98	54.1
		1269	1830	69.3