College Of Medicine
Al Imam Mohammad Ibn Saud
Islamic University (IMSIU)
كلية الطب
مكتب العميد

VISION رؤيــة
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

2019/12/22

Memorandum

Assessment & Examination Unit

To: Head of Departments, Years' Coordinators, Pre-clerkship Director, Clerkship Director, Courses/ Blocks Planners, College of Medicine Faculty

Through: Dean of College of Medicine

From: Director of Assessment & Examination Unit

Subject: Submission of Examination Items for Review

We are writing to inform all the faculty members about the procedure of document submission containing examination items to the Assessment & Examination Unit for quality check and review. According to our current logistics and in order to serve more efficiently, the following recommendations will be effective from January 1st 2020:

1. An electronic-encrypted copy through an email: assesexamumed@gmail.com and the encryption code would be sent to an email assessment.med@imamu.edu.sa and it must be submitted 10 working days before the scheduled exam's date.

2. Times New Roman font size 12 document.

3. The multiple choice question (MCQ) must include answer keys and exam's blueprint. (attachment1)

   Link: https://drive.google.com/open?id=14q-2BCdnQGH699lJH3-BZyP9fLJsyEUw

4. The objective structured practical examination (OSPE)/ Spotter must include learning outcome/ relevant objective and exam blueprint.

   Link: https://drive.google.com/open?id=14q-2BCdnQGH699lJH3-BZyP9fLJsyEUw

College Of Medicine
Al Imam Mohammad Ibn Saud
Islamic University (IMSIU)
مكتب العميد

كلية الطب

VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

حائزة على الجائزة الدولية للتميُّز في التعليم الطبي بفرع مشاركة الطلاب لعام ٢٠١٧م
A Winner of ASPIRE-to-Excellence Award in Student Engagement 2017

ASPIRE

5. The objective structured clinical examination (OSCE) must include competency level/ skill to be measured/ relevant learning objectives and used metrics that particular OSCE and exam blueprint.

   Link: https://drive.google.com/open?id=14q-2BCdnQGH699lJH3-BZyP9fLJsyEUw

6. Time, date of the exam's schedule is clearly stated.

7. The blueprint must contain: Faculty whom the blueprint has been prepared by, reviewed by, approved by and date. The details are needed in the Item Submission reports during items journey between owners and AEU. (attachment 1 & 2)

   Link: https://drive.google.com/open?id=14q-2BCdnQGH699lJH3-BZyP9fLJsyEUw

   Link: https://drive.google.com/open?id=1E7n69ThzAB53tIJD92fmywfa_FwEiFXp

The following table is a suggested template for assessments' blueprint and it is the subject matter expert to finalize the blueprint in each and every course based on the course learning outcomes (CLO) and the quality requirements for each respected course.

Course Learning Outcome (CLO)	*Level of Competency: Knows (K) Knows How (KH) Shows How (SH) Does (D)	Related Area Topics	Weight Percentage of the Topic Out of the Course	Number of Allocated MCQs/Spotters/OSCE for Specific Objectives of the Topics in the Planned Assessment	Allocated Question per Planned Assessment		
CLO 1	KH SH D	Topic-1: I. Objective-1 II. Objective-2 III. Objective-3 Topic-2: I. Objective-1 and so forth	3%, 5%, 10, 15% or ...... (as an example)	MCQs (1, 5, 7 or...) Spotters (1 or none) OSCE (1 or none)	MCQ	Spotter	OSCE
					6	0	1
CLO 2	SH	Topic-1: I. Objective-1 II. Objective-2 III. Objective-3 and so forth	1%	MCQ (none) Spotter (none) OSCE (1)	MCQ	Spotter	OSCE
					0	1	0
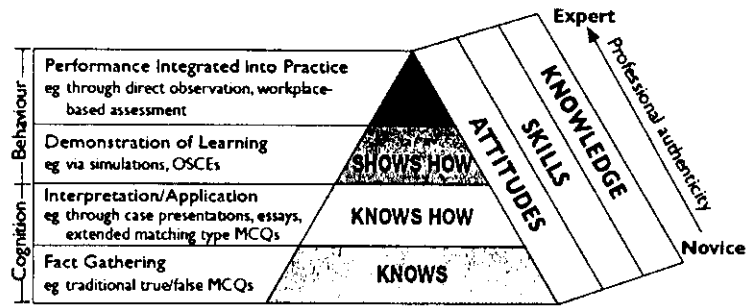
Miller's pyramid for assessing clinical competence

Bloom's Taxonomy is useful when creating items
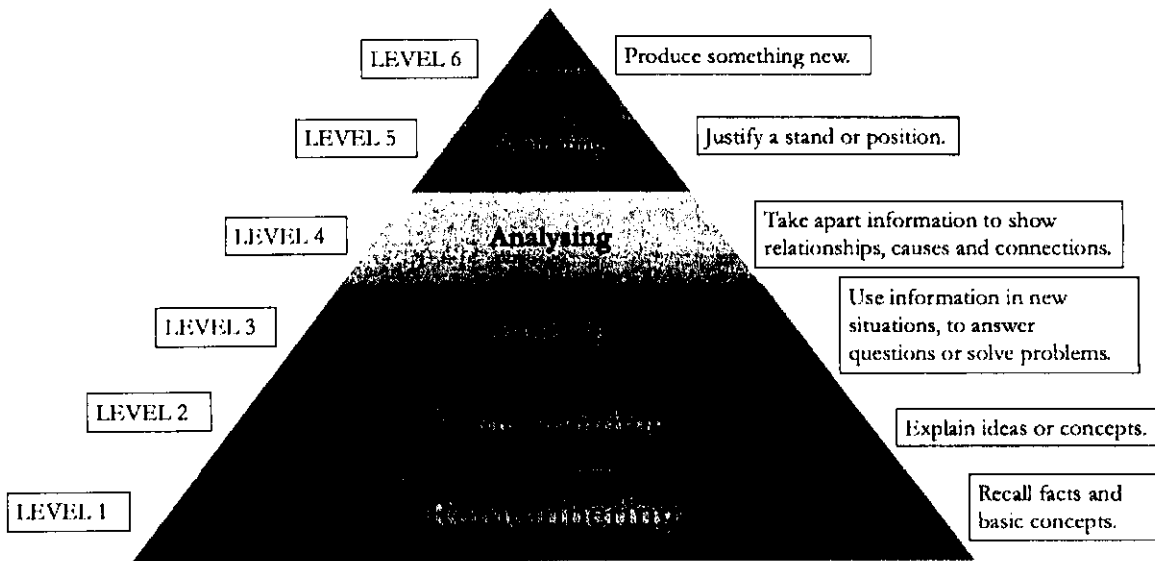
Exam Blueprint

The exam is based on a Blueprint that assesses a performance across two broad categories:

1. Dimensions of care, covering the spectrum of medical care.
2. Physician activities, reflecting a physician's scope of practice and behaviors.

Each category has four domains, and each is assigned a specific content weighting on the exam:

Physician Activities	Dimensions of Care				
	Health Promotion & Illness Prevention	Acute	Chronic	Psychosocial Aspects	Row Percentage
Assessment/ Diagnosis					45±5
Management					35±5
Communication					10±5
Professional Behaviors					10±5
Column Percentage	20±5	35±5	30±5	15±5	100

Medical Council of Canada

Prepared by:	Reviewed by:	Approved by:
Name:	Name:	Name:
Signature:	Signature:	Signature:
Date:	Date:	Date:

Items Submission of Math Mid Dec. 2019

Date of Receive	Date of Return to the Owner
08/12/2019 (1st round) 16/12/2019 (2nd round) 17/12/2019 (3rd round)	16/12/2019 (1st round) 17/12/2019 (2nd round) 17/12/2019 (3rd round)

Included Documents		Recommendation
Blueprint	Yes ☐ No ☑*	To be included in blueprint: Prepared by: Reviewed by: Approved by: Date: *The items were labelled
Answers' Key	Yes ☑ No ☐	

X
_____

Dr. Ibrahim Bin Ahmed
Deputy Director of Assessment & Examinati...

Encrypt & Code sent	Yes √	
	No	

Item Quality Check

Item No.	Stem/Vignette	Lead-in	Key answer	Distractors
1				Options "b" needs to be concise
3, 21, 22	Limiting this kind of items			Acceptable for this exam
4				Options "b" and "c" are non-functional
6		Negative phrase needs to be changed		
7				Distractor "a" needs spelling check

X
_____

Dr. Ibrahim Bin Ahmed
Deputy Director of Assessment & Examinati...

8		Negative phrase need to be changed		
9		Clue; word "origin" for the key. The key is cued by being paired to Lead-in		
18				Distractor "b" is overly long perhaps trivial words need removing
19				Distractors "a" & "b" are non-homogenous leading to non-functional distractors
28		Lead-in is non-relevant to distractors		Options "c" & "d" are non-functional
29			The correct answer is longer, more specific, or more complete	

X
_____

Dr. Ibrahim Bin Ahmed
Deputy Director of Assessment & Examinati...

			than the other options	
31			The correct answer is longer, more specific, or more complete than the other options	Perhaps by adding the word "count" to all to be more homogenous.

X
_____

Dr. Ibrahim Bin Ahmed
Deputy Director of Assessment & Examinati...