# Question Paper Setting & Blueprinting

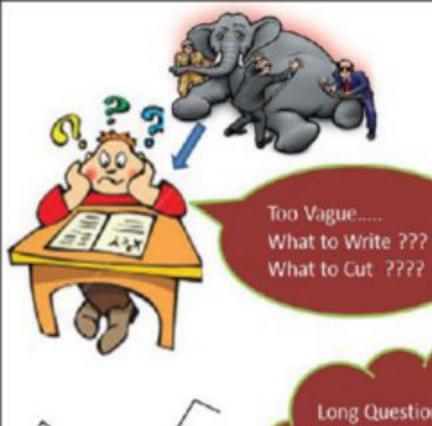
By

#### Dr.Jagadeesh.N

MD, DNB, LLB, PGDMLE

Faculty, MEU &

**Professor of Forensic Medicine** 





Too Lengthy......
Time not Enough
to write....

to Cut ????

All Questions on few
Systems only!!!!
No Question from

Long Questions were Bouncers !!!!!! I have not been Taught these.....!!!



# What should these exams assess??

#### Type of exam

Theory

Practicals

Viva Voce

#### **Predominant domain**

Knowledge

Skills

Attitude / Communication

#### Quiz

# State whether you agree or disagree

- Topics covered in practicals can be asked in theory paper also
- Questions asked in Viva are nothing but short answer questions of theory paper
- Chairperson of exams should see that what questions should be asked in Theory paper are not overlapping with Practical / Clinical questions and likewise with Viva questions

#### Quiz

#### State whether you agree or disagree

- The best question paper is one which is tough and majority are not capable to answer
- The best question paper is one which is easy to answer by all students
- There should be some questions which are out of syllabus to test the intelligent students.
- Question paper should also align with learning objectives

# Degree of Difficulty of question paper

Average student

• 50% questions

Good student

• **+ 20%** questions

Intelligent student

• + **30**% questions

#### Areas to cover

Must Know

• 80%

Desirable to know

• 20%

Nice to know

Nil

# Blueprint

- acts as guide in construction of question paper
- links assessment to learning objectives
- helps to match various competencies with the course content and the appropriate modality of assessment
- helps the teachers in designing the instructional strategies as per the guidelines expected in the curriculum

### Blueprint

- Scope & purpose of assessment to be defined
   Competitive exams / Regular sessional exam
- Domains of learning
   Knowledge / Attitude / Skill
- Methods of assessment
   MCQ / Essays / OSPE / Viva / Reflection
- Weightage to be given to content areas
- To reduce the two major threats to validity

# Weightage – 2 way approach

 The perceived impact/importance of a topic in terms of its impact on health

 The frequency of the occurrence of a particular disease or health problem

# Threats to validity

Construct under-representation

Under sampling / biased sampling of the content domain / course contents

Construct irrelevance variance

systematic error introduced into assessment data by the unrelated variables

flawed item formats, too easy or too difficult questions or examiner bias – favorite / hot / trivial topics

# Checklist

		YES	NO
Balance	The items measure a representative sample of the learning outcomes  The allocation of marks to each item reflects the item difficulty		
Relevance	The items present relevant tasks which reflect the current syllabus		
Conciseness	The items and tasks are stated in simple, clear language		
Soundness	The items are of the proper difficulty, free of defects and have answers that are defensible Questions do not contain gender, cultural or religious bias		
Independence	The items are free from overlapping, so that one item does not aid in answering another		

2	not ala in anonching another		
Arrangement	The items measuring the same outcome are grouped together and are in order of increasing difficulty		
Numbering	The items are numbered in order throughout the test paper	21	
Instructions	There are clear, concise instructions for each part in the whole test paper There are directions for how to record answers The time limit is specified		
Spacing	The spacing on the page contributes to ease of reading and responding		
Typing	The final copy is free of typographical errors.  The marks for the whole paper add up to the total number of marks specified in the syllabus		

#### Prepare

Theory

Question Banks - MCQs / Long questions / Short essays / Short answers – structured

Viva Voce

Structured Viva cards

Practicals / Clinicals

OSPE / OSCE stations with questions, checklists

#### **RGUHS**

- Question paper setting three/six sets from examiners outside the State
- Moderation by Examiners within the State
- Online Question paper transfer to avoid question paper leak
- Real time corrections to avoid last minute embarrassments
- Key answers ..... Model answers??????

#### In Short

#### Take Pre Examination Precautions

# To avoid Post Examination Chaos

