

Which one of the following topics will be covered by Dr Ashwini Karve, Assist Prof, Dept of Pharmacology, TNMC in the session?

A. Microteaching

B. MCQ formulation

C. Large group teaching

D. Group Dynamics

B. MCQ formulation



Components of MCQ

Item

Each question has four alternatives.
Select the most appropriate answer
and encircle the alphabet
corresponding to it.

Direction

Which one of the following was served
today for breakfast?

Stem

A. Upama

B. Sandwich

C. Samosa

D. Sheera

Options

Key

Distractors



Types Of MCQs

- Single Best Response (SBR)
 - Simple Completion Type
 - Question Type
 - Negative Form Type
 - Case History Type
- Multiple Completion Type
- Independent True False Type
- Matching Type
- Assertion Reason type



Single Best Response

Simple Completion Type
Question Type
Negative Form Type
Case History Type

SBR: Simple Completion Type

Direction: Each question has four alternatives. Select the most appropriate answer and encircle the alphabet corresponding to it.

The longest river in India is

A. Ganga

C. Godavari

B. Hubali

D. Narmada

SBR: Question Type

Direction: Each question has four alternatives.

Select the most appropriate answer and encircle the alphabet corresponding to it.

Which one of the following is a green leafy vegetable?

A. Cauliflower

B. Spinach

C. French beans

D. Ladies finger

SBR: Negative Form Type

Direction: Each question has four alternatives.
Select the most appropriate answer and encircle
the alphabet corresponding to it.

All of the following are owners of regional teams
in Indian Premier League EXCEPT

- A. Preity Zinta B. Vijay Mallya
C. Anil Ambani D. Shahrukh Khan

SBR: Negative Form Type

Direction: Each question has four alternatives. Select the most appropriate answer and encircle the alphabet corresponding to it.

Which one of the following is **NOT** the owner of the regional team in Indian Premier League?

- A. Preity Zinta B. Vijay Mallya
C. Anil Ambani D. Shahrukh Khan

SBR: Case History Type

A 25 year old patient is brought to casualty. He is disoriented but complains of nausea, vomiting and abdominal pain. He gives history of ingestion of many pain killers. His liver function tests are abnormal. Which one of the following is indicated in this patient?

A. Naloxone

B. N-acetyl cysteine

C. Pralidoxime

D. Dimercaprol



Multiple Completion Type

Direction: For each of the question below, one or more of the answers given are correct. Select the alphabet as per the code below and write in the space provided on answer sheet.

- A. If 1,2 and 3 are correct
- B. If 1 and 3 are correct
- C. If 2 and 4 are correct
- D. If only 4 is correct
- E. If 1,2,3 and 4 are correct

The serial produced by Balaji Telefilms is

1. Kyuki Saas Bhi Kabhi Bahu Thi
2. Kahani Ghar Ghar Ki
3. Kumkum
4. Kaun Banega Karorpati



Independent True False Type

Direction: For each of the items below, the given statements are true (T) or false (F).

Put a \checkmark mark in the respective bracket

Prithviraj Kapoor is	T	F
A. father of Shashi Kapoor	[]	[]
B. grandfather of Karishma Kapoor.	[]	[]
C. son of Raj Kapoor.	[]	[]
D. uncle of Rushi Kapoor.	[]	[]



Matching Type

Direction: Each question below consists of 3 numbered items on the left side and 5 lettered options on the right side. For each numbered item, select the most suitable lettered option. Each lettered option may be selected once, more than once, or not at all.

Actress

1. Juhi Chawla
2. Deepika Padukone
3. Madhuri Dixit

Movie

- A. Gulab Gang
- B. Omkara
- C. Chak De
- D. Om Shanti Om
- E. Black



Assertion Reason type

Direction: Each question given below consists of two statements. Assertion and reason connected by the word because. Select the alphabet as per the code below.

- A. If both the statements are true and the second statement is a correct explanation of the first statement.
- B. If both the statements are true and the second statement is not correct explanation of the first statement.
- C. If the first statement is true but the second one is false.
- D. If the first statement is false but the second one is true.
- E. If both the statements are false.

Polar bear has a furred skin.

Because

Furred skin protects from cold.

The background of the slide is a solid dark brown color with a pattern of lighter brown, semi-transparent autumn leaves scattered across it. The leaves vary in size and orientation, creating a textured, seasonal feel.

What are most of the participants doing at this point of the session?

A. Day dreaming

C. Talking to each other

B. Paying attention

D. Sleeping

Group Task



Gp 1----- a. Simple completion
b. Question type

Gp 2 ----- a. Question type
b. Negative type

Gp 3 ----- a. Negative type
b. Case history

Gp 4 ----- a. Case history
b. Simple completion



Check List

Check List: Stem

- Clear, concise, unambiguous
- NOT/EXCEPT (not more than 10%)
- X acronym, abbreviations
- Avoid long sentences
- Remove unwanted, irrelevant data
- Should not ask your opinion
- No double negatives
- No vague expressions

Check List: Options

- Common part in stem
- Numerical order
- Grammatically complete
- All of the above
- None of the above

Check List: Distractors

- Student's misconception or common mistake
- Similar to key but not synonym

Check List: Key

- Only correct answer
- Equal distribution (A, B, C, D)
- No clue to direct the key
- Is the key provided in another item?

A 47 year old male patient is seen in the medicine clinic with recently diagnosed mixed hyperlipidemia. An antihyperlipidemic is administered that favorably affects levels of VLDL, low-density lipoprotein (LDL), and high-density lipoprotein (HDL), and inhibits cholesterol synthesis. This drug in your opinion is

A. None of the above
C. Simvastatin

B. Niacin
D. Lovastatin

All of the following are not the VD of Digoxin
except

A. 7-10

B. 4-7

C. 1-3

D. 10-13

Who was the Maharashtrian leader recently in controversy?

a) Raj Thackrey

b) Narayan Rane

c) Bal Thackrey

d) Vilasrao Deshmukh

If FMA score is 40, pt is classified as

a) Mild

b) mod

c) sev.

D) very sev

A positive Trendelenburg's test indicates weakness of:

a) Gluteus maximus

b) Gluteus Medius

c) Both a & b

d) none

The capsular pattern of shoulder joint is

- a) Flexion more restricted than extension
- b) External rotation more limited than abduction
which is more limited than internal rotation
- c) Internal rotation more limited than abduction
which more limited than external rotaion
- d) extension, abduction and rotations are equally
limited.

Which famous pop singer is suffering from schizophrenia?

a) Michael Jackson

b) Britney Spears

c) Spice girls

d) Angelina Jolie



This gives red colour to the Blood

a. Platelets

b. RBC


c. WBC's

d. Plasma



When is the seventh year plan terminating in India?

- a. 1900
- b. 1997
- c. 2008
- d. 2015



Advantages & Limitations

Advantages

- Tests large sample in less time
- Easy to score and assess
- Objective, reliable and valid
- Serves as a feedback
- Covers wide portion of the syllabus

Limitations

- Checks only recall
- Difficult to construct
- Difficult to execute
- Writing skills not checked
- Confidentiality
- Guesswork





Thank you