

DEPARTMENT OF BIOCHEMISTRY
LOKMANYA TILAK MUNICIPAL MEDICAL COLLEGE &
LOKMANYA TILAK MUNICIPAL GENERAL HOSPITAL, SION, MUMBAI 22

Date: 08/01/2016

To,
Professor & Head,
Dept. of Biochemistry.

Sub: 3rd Maharashtra State Intercollegiate Biochemistry Quiz for I MBBS

Dear Sir/Madam,

Department of Biochemistry, LTM Medical college and LTMG Hospital has been organising Intercollegiate Biochemistry Quiz for the past 4 years. For the first two years, this quiz was organised for all nine colleges in and around Mumbai. Due to support, encouragement and appreciation received from the different colleges, we scaled the quiz to all Maharashtra level for the past 2 years. Details of 3rd Maharashtra State Intercollegiate Biochemistry Quiz for I MBBS are stated below.

Date & Time : Friday, 11th March, 2016, 12.30 pm onwards
Venue : New Auditorium, 3rd floor, LTM Medical college, Sion, Mumbai-22

You are requested to send **one team** comprising of **two students** from your college, with their details in the enclosed entry form **on or before 3rd March, 2016**.

The overall format of the quiz is given below. Please share this information with the participants of the quiz. We would try to restrict to this format, however we reserve the right to modify it at last minute without any notice.

Quiz will be conducted in two rounds- Screening & Final crowning round.

a. First there will be a **Screening round**. It would consist of written Multiple Choice Questions of single response type, fill in the blanks, true or false and match the columns. Both the members of the team will jointly attempt this screening test. Total time allotted is 30 minutes. From this, top 6 teams will be selected for **Final crowning round**.

b. Final crowning round: Top 6 teams of screening round will enter final crowning round.

Tentative format of questions for this round are:

- i. Rapid fire round
- ii. Multiple Completion
- iii. Assertion Reason
- iv. Case study
- v. Fill in the gaps of the Pathway
- vi. Give reasons/ Justify the statement

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Efforts will be made to have additional rounds in the form of video, buzzer and passing on.

We had lot many suggestions/ feedback to have more clinically oriented questions. However we would like to clarify that I MBBS syllabus consists of many more topics apart from Clinical Biochemistry & hence **questions will be asked on following syllabus.**

Syllabus: Based on MUHS syllabus EXCEPT following topics.

- i. Molecular concept of body defence and their applications in medicine
- ii. Environmental biochemistry
- iii. Biochemical basis of cancer and carcinogenesis
- iv. Radioisotopes.

Explanation and example for certain forms of questions:

(a) **Multiple Completion Type:**

One main statement will be given followed by four statements. Each of these four statements may be correct or wrong. The key is based on this as

Choose and write your answers as A, B,C or D according to the following:

- A if (i) ,(ii) and (iii) are correct.
B if only (i) and (iii) are correct.
C if only (ii) and (iv) are correct.
D if all (i),(ii),(iii) and (iv) are correct.

Example:

The bonds involved in holding tertiary structure of proteins are

- i) Hydrophobic interactions
- ii) Hydrogen bonds
- iii) Disulphide bonds
- iv) Electrostatic bonds

Key : D

(b) **Assertion-Reason Type:**

Assertion and reason are two statements linked by the word Because . The instructions for the key are

A→ Both Assertion and Reason are correct and reason is the correct explanation of Assertion.

B→ Both Assertion and Reason are correct but reason is not the correct explanation of Assertion.

C→Assertion is true but the Reason is false.

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D→ Assertion is false but the Reason is true.

E→ Assertion and Reason are false.

Example

Glycogenolysis in muscle increases blood glucose

Because

Glucose-6-Phosphatase is absent in the muscle. Key - D

Books recommended for preparation:

- i. Vasudevan Srikumari
- ii. U. Satyanarayana
- iii. Pankaja Naik
- iv. MUHS Biochemistry Journal.

Prizes:

For past 4 years we have managed to give II MBBS bookset as prizes for winning & 1st runners up team. We will try to keep same prizes this year.

Certificate of participation will be given to all the participants.

So dear friends, shortlist your students at the earliest & start training them, so as to have highly competitive quiz.

Entries to be sent in the attached form on or before **3rd March, 2016**.

You can fill the form, scan it & email on biochemltmmc@gmail.com

Thanking You.

Yours Sincerely,

Dr.Pramod Ingale
Prof & Head
Mob.No.9819405740
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Pl. note:

1. Detailed instructions will be given at the beginning of each round.
2. Organizers have the right to modify or change the format without any notice.
3. In case of any dispute, the decision of the organizers would be final.

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4. For any queries please contact biochemltmmc@gmail.com
5. It is compulsory for the participants to carry their college identity card.
6. We regret to inform that accommodation cannot be provided to outstation students.
However arrangements for freshening up in the morning will be provided.
7. Lunch will be provided to outstation students & faculty.

3rd STATE LEVEL INTER-COLLEGIATE BIOCHEMISTRY QUIZ

PROGRAMME
Date: 11th March 2016

| Time | Event | Venue |
|-------------------|------------------------------|-------------------------|
| *12.30 to 1.00 pm | Screening Round | Physiology Lecture Hall |
| 1.00 to 2.00 pm | Lunch break | |
| 2.00 -2.30 pm | MCQ Discussion with audience | Main auditorium |
| 2.30 -2.45 pm. | Inauguration | |
| 2.45 -3.45 pm | Final Crowning Round | |
| 3.45 - 3.50 pm. | Vote of Thanks | |
| 3.50 -4.10 pm. | Prize Distribution | |

We invite all faculty members for this event.

***Screening round starts at exact 12:30 noon.**

Kindly note No extra time will be allotted to participants arriving late for the screening round.

Dr. Pramod Ingale
Prof. & Head
Dept of Biochemistry
L.T.M.Medical College,Mumbai