



NPQC-2019

National Physiology QUIZ Competition 2019



Department of Physiology

Government Medical College, Bhavnagar
(In collaboration with Thieme Medical Publishers)

Registration Information

1. **Registration is compulsory and the last date of registration is 28th February 2019.**
2. Registration form must be by e-mail only.
3. Letter of permission signed by the Dean of the college is mandatory.
4. There is no registration fees for participating in the competition.
5. **Only one team from each college can register for the competition.**
6. **Each team can only have three participants.**
7. **No TA/DA will be given to any team.**
8. **Working lunch & breakfast will be provided to maximum 5 persons (students + Faculty) from each college at the time of quiz 16th April 2019.**
9. During the quiz competition, decision of the quiz master will be final and bound to all.

Syllabus

1. **History of Medicine**
 1. Nobel Prize Discoveries in Medicine and Physiology (1970-2018)
 2. Renowned Physiologists and/Scientists
 - i. Sir Arthur C. Guyton
 - ii. Claude Bernard
 - iii. Nikolai Wedensky
 - iv. Hermann Von Helmholtz
 - v. I. Mechnikov
 - vi. Sir William Harvey
 - vii. Sir Frederick Grant Banting
 - viii. Dr. Werner Forssmann
 - ix. Ivan Pavlov
 - x. Autar Singh Paintal
2. **General Physiology and Biophysics**
3. **Systemic Physiology – All Systems**
4. **Ageing, Exercise Physiology and Physiology of Yoga**
5. **Recent Advances in Physiology (2006 - 2019)**

References:

A. Books:

1. Textbook of Medical Physiology – AC Guyton
2. Review of Medical Physiology – W.F. Ganong
3. Principles of Medical Physiology 2nd Edition by Sabyasachi Sircar
4. Principles of Medical Physiology: A Companion Guide by Sabyasachi Sircar
5. Physiological Basis of Medical Practice: Best & Taylor
6. Principles of Physiology- R. M. Berne, MN Levy
7. Understanding Medical Physiology- R K Bijlani
8. Human Physiology – Vander, Sharmen Luciano
9. Cell and Molecular Biology – De Robertes

B. Scientific Journals for recent advances (2007-2017):

1. Indian Journal of Physiology and Pharmacology
2. News in Physiological Sciences (NIPS)
3. Physiological Review

Each stage of the competition will comprise of questions under the following sections:

Section – I: History of Medicine & Recent Advances

Section – II: General Physiology

Section – III: System Physiology

Section – IV: Clinical Physiology

Type and Number of Question and Time Restriction

General Physiology and History of Medicine & Recent Advances:

Type: Open ended or MCQ or True & False

Number: 3-5 Q/Team (Depending on the stage)

Time Restriction: Maximum 1 min per Question

Negative Marking : No

Systemic Physiology

Type: Open ended or MCQ or True & False

Number: 3-5 Q/Team (Depending on the stage)

Time Restriction: Maximum 1 min per Question

Negative Marking: No

Clinical Physiology

Type: Open ended or MCQ or True & False

Number: 8-10 questions/round

Time Restriction: Buzzer round

Negative Marking: Yes

Note: In case of tie – team with highest score in CLINICAL PHYSIOLOGY round wins. If tie persists then TIE BREAKER QUESTION will be used.

For further queries, contact:

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