

Competition Question Bank Management in Indonesian Medical Physiology Olympiad

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Since 2017, Physiology Department, Faculty of Medicine, Universitas Airlangga, Indonesia, has regularly held an olympiad in medical physiology. The participants are students of medical faculty from Indonesia's region. One of the vital components is question bank management. The primary case in preparing the questions, is the significant difference in difficulty level compared to exam questions. Exam questions are used to assess the cognitive abilities of medical students, while competition questions to determine a winner. Olympiad questions are also more challenging than exam questions, so the participants who can pass the preliminary round are those with higher-level qualifications than the others. At the same time, the questions for the main round must be clear and rigid so that the answers given must be a focus on the specific statement to prevent disputes during the competition. Here, we will discuss question bank management consisting of the collecting, validating, selecting, evaluating, and problem-solving processes. We will also discuss the management to eliminate different perceptions between judges and participants that may have occurred during the competition.

Keywords: question, medical, physiology, olympiad, competition.