

ABSTRAK

Tujuan penelitian ini adalah menghasilkan produk soal biologi berbasis *Higher Order Thinking Skill* (HOTS) dengan aplikasi *Quizizz* materi sistem pencernaan manusia. Jenis penelitian ini adalah penelitian pengembangan yang menggunakan metode 4D Thiagarajan. Tahapan metode penelitian ini antara lain pendefinisian (*Defaine*), perancangan (*Desain*), Pengembangan (*Develop*), Penyebaran (*Disseminate*). Tahap pengembangan berisi validasi dan revisi. Validasi yang dilakukan antara lain validasi ahli desain (oleh 2 dosen), validasi ahli soal HOTS (oleh 1 dosen dan 1 guru). validasi dilakukan untuk melihat kelayakan produk soal sebelum diuji ke peserta didik dalam uji coba kelompok kecil. Hasil penelitian menyatakan bahwa pengembangan soal biologi berbasis *Higher Order Thinking Skill* (HOTS) dengan aplikasi *Quizizz* materi sistem pencernaan manusia dinyatakan layak untuk digunakan dengan kategori sangat baik berdasarkan tampilan desain 86%, komponen substansial isi soal HOTS 91,35% dan angket respon peserta didik 90,5%.

Kata kunci: Soal, *Higher Order Thinking Skill* (HOTS), *Quizizz*

ABSTRACT

The purpose of this research was to produce a product based on Higher Order Thinking Skill (HOTS) biology questions with the Quizizz application for the human digestive system. This type of research was development research that used the 4D Thiagarajan method. The stages of this research method include define, design Develop, and Disseminate. The development stage contains validation and revision. Validation carried out included validation of design experts (by 2 lecturers), expert validation of HOTS questions (by 1 lecturer and 1 teacher). Validation was carried out to see the feasibility of the product before being tested on students in small group trials. The results of the study stated that the development of Higher Order Thinking Skill (HOTS)-based biology questions with the Quizizz application for the human digestive system material was declared eligible to be used with a very good category based on the design display was 86%, the substantial component of the HOTS question content 91.35% and student response questionnaires 90.5%.

Keywords: Questions, *Higher Order Thinking Skill* (HOTS), *Quizizz*