

Ida Sulistiawati. 2020. Analisis Miskonsepsi Siswa Materi Sistem Pencernaan Manusia Menggunakan *Four Tier Test* Melalui *Google Form*. Skripsi. Program Studi Pendidikan IPA, Fakultas Ilmu Pengetahuan, Universitas Trunojoyo Madura. Pembimbing 1: Fatimatul Munawaroh dan Pembimbing 2: Mochammad Yasir.

ABSTRAK

Penelitian bertujuan untuk mengetahui persentase dan faktor yang menyebabkan peserta didik kelas VIII di SMPN 1 Bangkalan mengalami miskonsepsi pada materi sistem pencernaan manusia. Penelitian menggunakan desain *mix methods*. Pengambilan sampel dilakukan menggunakan teknik *purposive sampling*, sehingga diperoleh sampel sebanyak 30 peserta didik. Instrumen penelitian yang digunakan berupa *four tier diagnostic test* yang dibuat melalui *google Form*. Hasil penelitian menunjukkan persentase peserta didik yang mengalami miskonsepsi pada materi sistem pencernaan manusia sebesar 37%, paham konsep 15%, tidak paham konsep 35%, dan eror 13%. Miskonsepsi peserta didik terjadi dikarenakan (1) prakonsepsi peserta didik, (2) minat belajar, (3) instuisi yang salah, (4) sumber belajar dan (5) metode mengajar.

Kata kunci : *Four tier diagnostic test, Google form, Miskonsepsi, Sistem pencernaan manusia*

Ida Sulistiawati. 2020. *Analysis of Student Misconceptions on Human Digestive System Material Using Four Tier Test Through Google Form*. Thesis. Natural Science Education. Education Faculty. University of Trunojoyo Madura. 1st Advisor : Fatimatul Munawaroh and 2nd Advisor : Mochammad Yasir.

ABSTRACT

The study aims to determine the percentage and factors that cause grade VIII students at SMPN 1 Bangkalan to experience misconceptions on the material of the human digestive system. This research uses mix methods design. Sampling was done using a purposive sampling technique, so that a sample of 30 students was obtained. The research instrument used was a four tier diagnostic test made through google form. The results showed the percentage of students experiencing misconceptions on the material of the human digestive system by 37%, understanding the concept of 15%, not understanding the concept of 35%, and error 13%. Student misconceptions occur because of (1) students' preconceptions, (2) interest in learning, (3) wrong intuition, (4) learning resources and (5) teaching method.

Keywords : Four tier diagnostic test, Google form, Human digestive system, Misconception