

**Mutia Nurhasanah. (2016). IMPROVING STUDENT'S LEARNING RESULT USING PROBLEM BASED INSTRUCTION MODEL OF HUMAN DIGESTIVE SYSTEM CONCEPT. Under the guidance of Prof. Dr. H. Toto Sutarto Gani Utami, M.Pd. and Dr. rer nat. H. Ama Rustama.**

#### **ABSTRACT**

This research was motivated by the low student's learning result. Based on these issues, this study aims to improve student's learning result in digestive system concept. In this research is used by Problem Based Instruction model. The method is an experiment (experimental research). The design is the one group pretest-posttest. Samples were students of class VIII A Junior High School Pasundan 2 Bandung. Sample collection technique is purposive sampling. Collecting data using an objective test of 20 questions, given pretest and posttest. The results of data analysis show the value pretest has an average of 43.56 and posttest has an average value of 80.15 Hypothesis test showed a significant result, that  $t_{arithmetic} \geq t_{table(0.01)}$ , which is  $17.17 \geq 2.66$ . That is  $H_0$  rejected and as an alternative  $H_1$  accepted. Results N-Gain is 0.65 in medium category. The results of data analysis showed that, Problem Based Instruction model can improved student's learning result of human digestive system concept.

**Keywords:** Problem Based Learning (PBI), experimental (experimental research), DesignThe one group pretest-posttest, Human Digestive System Concepts.