

ZMATH 2015a.00451

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Undergraduate students' mistakes and their behavior attending in examination: specially in group theory.

Far East J. Math. Educ. 12, No. 1, 1-25 (2014).

Summary: In this paper, we report on the evaluation of answer scripts of mathematics (general paper) in the B.Sc. second semester examination under Gauhati University, India which is held in the month of June 2012. We have taken sample of answer scripts from 10 different colleges under this university. In this examination, the question paper was in abstract algebra and matrices which was setting mainly on three topics, those are groups, rings and matrices giving equal weight to each topic. But it is observed that average 16% students give complete correct answers to the questions in groups, 37% in rings and 43% in matrices. So the aim of this study is to investigate how the professional teaching and learning method are effective on the concept of group theory for college students in university courses. And also to explore students' mistakes done in answering the questions (groups only) supplied by the university examination control cell. In this paper, it is also to investigate the students' behavior to attending compulsory and optional questions involving group theory in the examination hall.

Classification: D65 D75 H65 H45

Keywords: university education; student errors; group theory; professional teaching; learning method
<http://www.pphmj.com/abstract/8258.htm>