

# The role of problem-solving skills and cognitive skills in Explain trends to drug use in teenagers

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**Abstract** Nowadays dealing with complexities of life have had some negative and positive consequences to human being .one of them is addiction which is a kind of biological, psychological and social illness. The main goal of this study is was research on role of problem solving and metacognition skills in explaining tendency to drug in young adults . correlational descriptive was used as study method . statistic population in this research were all senior public school in khoshkebijar town in 2015-16 educational year .in this study was applied available sampling method. Considering statistic population for better analyzing 260 people were chosen as sample size . subjects were experienced by Mei and Fook beliefs and tendency to substance use questionnaire (2005),O,neil and Abedi metacognition case(1996),Heppner and Petersen problem solving questionnaire (1982) .results were analyzed by Pearson correlation coefficient and multiple regression .results which obtained by Pearson torque correlation analysis statistical index showed that relation of total problem solving skill with tendency to use drug (-0.11) is negative and significant in 0.01 level the whole metacognition relation with tendency to drug (-0.15) negative and in 0.01 level are significant .also the result of regression analysis showed that predictor variable (problem solving and metacognition )significantly be able to predict the tendency to drug . therefore we can conclude that considering result of study by instructing metacognition and problem solving skills, we would be able to help students to increase their efficiency and self control and prevent them to use drug .

**Keywords :** Key word :problem solving, metacognition, , tendency to addiction, students.

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