

findings show that Indian scientists have the concept of creativity that has much in common with Western society views.

Although there is a difference in views on the concept of creativity, the creativity and innovation thinking are not new things in Islamic civilization (Dzulkifli, 2011). Only the term of creativity and innovation has not been widely known in the past. What matters we can not deny the creator of Islam has triggered thousands of creative ideas. The ideas then produce various innovations that change the understanding of science in the real sense (Dzulkifli, 2011).

### **Importance of Creativity**

In the world of increasingly complex and full of chaos today is very important for us to focus on creativity (Rowe, 2004). Many a new approach is needed to solve the new problems we face. We had to deal with global warming issues, infectious diseases such as SARS and Ebola, education, violence, an increasingly old population and so on. Therefore, we need to produce more creative individuals who can solve the problem in a way different. For example when dealing with a lot of events involving terrorists doing violence by hijacking and blowing a plane there are some creative scientists who conduct research on substance that can withstand strong explosion. Therefore, a new innovative solution was made which is a material named *glare* which is will not break due to a powerful bomb blast and flame retardant but at the same time lighter than aluminum (Rowe, 2004).

Creativity is also very important in determining the continuation of an existence civilization and country. We take an example of a cold war between the United States with Soviet Russia in the 1950s where they both compete against each other in expanding the influence of the powers of the saints. In the bustle of competition this influence Soviet Russia has suddenly succeeded in launching the first man-made satellite on the world of Sputnik I in 1957. This Soviet success surprised America Companies who are beginning to feel their survival are in jeopardy and continue to look for answers why they have been left behind. Finally they met a reasonable explanation: the problem is the absence of creativity (Cropley, 2001). In clearer words the creativity of engineers in the United States was found to be inadequate. Increase in level the creativity of its people is seen by the United States as a major step towards becoming world number one power. Hence one act namely the National Defense Education Act has been introduced. This Act calls for creativity to be promoted throughout the school United States (Cropley, 2001). Not surprisingly, most research also about creativity in the United States funded by the country's defense department.

Islamic countries should take lessons from this American experience where they should feel that the essential needs of Islamic students are not to increase intelligence solely but also to increase the creativity level of the students. According to Mohd. Yusof Othman (2012) we need to be more creative because if we do not improve creativity, others will strive to enhance their creativity. He stressed that as a result, we would be victimized by the creativity of others.