ABSTRACT

Improving IMTAQ always appears first as the goal of science education in every curriculum in all types and levels of education. The three pillars of Islamic science must clearly be built on the principle of monotheism in the sentence laa ilaaha illallaah. Ontological Pillars, Islam must accept material and nonmaterial reality, axiological Pillars, the goal of Islamic Science is to know the Creator through the patterns of creation, the epistemological pillar, the Qur’an as a source of intellectuality and spirituality of Islam. Science learning can enhance students' learning through learning materials that are 'unseen', science explains the scientific facts behind the prohibitions and commands of Allah, science affirms the existence of Allah SWT and as an exposure of various secrets in the Qur'an.

PRELIMINARY

The function and purpose of national education in law No.20 of 2003 is to develop and shape the character and civilization of a dignified nation in order to educate the life of the nation, aiming for the development of potential learners in order to become a man of faith and cautious to God almighty, noble, healthy, knowledgeable, capable, creative, independent and become a democratic and responsible citizen. If it refers to the purpose of national education is clear that education is expected to produce learners who believe and piety to Allah SWT. The faith and devotion of learners become the core of national education goals.

To achieve these goals, the school education institution is one of the very effective vehicle to achieve the goal of education because through the process of education in schools learners not only acquire knowledge but also the development of attitudes and skills. The Directorate General for Basic and Intermediate Education Management has developed five strategies, namely (a) optimizing the implementation of Islamic education, (b) the integration of science and technology and imtaq in the learning process, (c) pelasanaan extracurricular activities imtaq insight, (d) the creation of a conducive situation in social life in school and (e) With parents and society (M.Ghaza, 2011).

Religious education is the most appropriate in increasing faith and piety to Allah SWT. But in the teachings of Islam religious activities (Imtaq) not only occur when a person performs rituals of worship such as prayer, fasting, zakat, and others related to real activities that can be seen with the eyes alone, but also includes invisible activities that only Takes place in a heart. Islam encompasses the various dimensions of human life because Islam encourages its adherents to Islam in a kaffah (comprehensive) as contained in the Qur'an Surah Al-baqarah 208.
208. O ye who believe, enter ye in whole Islam, and do not join the steps of shaitan. Verily Shaitan is a real enemy to you.

Therefore, fully handling the matter of imtaq to religious education is not the right choice. Many other sciences that can support the improvement of faith and ketawqaan learners. One of them is natural science (IPA) / science. This is in line with one of the goals of science education that is to instill confidence in the greatness of God Almighty based on the existence, beauty and unity of His created nature. (Depdiknas, 2004). In science there are so many passages that explain the existence, beauty and order of the universe, so that science learning is really a learning that will bring learners closer and more recognize the creator.

The regularity that exists in the human body can make predictions about what will happen based on existing facts so that humans can make anticipation and solutions. The regularity that exists in nature proves that nature and everything in it does not happen by chance. Nature does not happen by itself and without purpose, but it is clearly created by the Omnipotent Substance. The phenomenon of the rising of the sun, the circulation of the moon and the twinkling of stars, the movement of clouds in the sky, the lightning strikes, the burning electricity, the dark night, the various plants, the cattle, the beasts scattered on the earth and other natural wonders is evidence Greatness of Allah SWT.

190. Verily in the creation of the heavens and the earth, and the alternation of night and day there are signs for those of understanding (Quran Surah Ali-Imran (3) : 190).

DISCUSSION

Imtaq

Imtaq is a combination of two words of faith and taqwa. Faith comes from the Arabic word which is basically amana - yu'minu - faith means to believe or believe. Believe in the Indonesian language means believing something is true or real. According to the term faith is trusting, justifying with the heart, pronouncing orally and practicing with deeds (Burhanuddin, 1993). According to scholars of the Sunnah the essence of faith is to pledge orally, justify with the heart and work with limbs. These three things are an understanding of faith. One with the other can not be separated. Unaiyah said of faith; Al Faith, qaulun wa'amalun, yazidu wa yansus. It means faith, is speech and deed, sometimes increased and sometimes decreased. (Novi Hardian, 2012).

So faith is not wishful thinking, but what is ingrained in the heart and justified by charity and deeds. Not merely theory, as the consumption of the brain whose light can not penetrate the heart and move the desire. Faith is the human motivator to do an act. Both the bad deeds of human beings depend on the good of the faith. Bad faith conditions will result in bad deeds. A good faith condition will give birth to good deeds as well. Islam is a religion that interprets faith and deeds (deeds). In Islam, it is known that the six pillars of faith are the basis of conception that underlies the thought, speech and actions of a Muslim. Implementation of the pillars of faith are (1) Faith to Allah SWT, with the consequences of loving God so sincere in carrying out His commandments; (2) Faith in angels, which prevents a believer from committing immorality because of anger control; (3) Faith in the books, by making the Qur'an a guide for life; (4) faith in prophets and apostles, by loving and following; (5) Faith to the last day, incurring desire to prepare for it; (6) Faith in the stipulation of Allah (Qada and Qadar), all that apply in nature is the provision and provision of Allah SWT.

The taqwa comes from the Arabic language which consists of four letters namely ta, qof, wawu and yes. These four letters are combined in a taqwa word that terminology has the meaning of fear. The meaning of devotion is understood as the awareness of the divine that is an awareness of the existence of God Almighty present in life. Such consciousness makes one know and believe
that in this life there is no way to escape from God and His control. In the basic sense Nurcholis Majid (2004) aligns ketaqwaan with the notion of rabbaniyah (the spirit of divinity). The word rabbaniyyah includes personal attitudes that sincerely seek to understand God and obey Him. The concrete form of taqwa is to carry out obligations and to abandon all evil (Yusuf, 1997). So with taqwa someone will keep themselves from the provisions of God Almighty and protect themselves from sin and prohibitions of Allah SWT.

According to Nurul Mubin (2007), the basic of taqwa starts from the following understandings and actions: (a) Understand and realize that the relation between human (makhluq) and creator (khaliq) is vertical relation, with the waiter and his people. Human relations with Allah SWT must be realized as a hierarchical relationship, so that man will be a faithful servant and obedient to all orders and restrictions, (b) Build relationships intensely with Allah SWT with various approaches and ways, either by multiplying the thinking about the various signs and creations of Allah in this life of the world, as well as by remembering Allah SWT in every opportunity and wherever we are. To remember Allah SWT intensely and continuously, can be done by training themselves by always mentioning the names of Allah SWT as in asmaul husna. Because, a trained tongue regularly uttering the names of Allah will build up an impression in the heart of all that is often mentioned, (c) Observe and pay attention to various things happening around life, both pleasant events and miserable events. Because by observing and noticing it the heart will be trained to wisely see the various events. So the heart does not form its character from one life experience only. Thus it will have a variety of experiences and characters in the form of diverse problems, (d) Train the heart to take the lessons of events that occur in this life, whether that befall others, family, or befall yourself. Taking lessons from events can help or help to reflect on psychological and inner reflection, and can have an impact when determining the steps in life. Inner reflection can help a person in designing various activities in life, so that daily deeds are not only based on the desire of lust solely without going through selection first.

Western Science (Modern Science) Vs Islamic Science

Science is a human product as well as music, painting, buildings and so forth. Any product of any kind will bring the values and outlook of the manufacturer. Science too, as a product of man, science can not be excluded or privileged. Science brings a certain world view of its creators. Compared with other science products are relatively more abstract and incomparable. Until now there is only one dominant science that is modern science or Western science. Modern science brings the values of modern civilization that is materialism and the tragic story of God's death (Agus, 2009). It is important to make An Islamic science building based on monotheism and the embodiment of the principle of tauhid originating from revelation.

Modern era is characterized by human emancipation and begins with the dawning of renaissance culminating in enlightenment, awakening of the consciousness of human reasoning abilities. The emergence of critical attitude and rebellion against wahu, traditions and power and striking success in this modern age is the establishment of science as a new religion. Science in modern times begins with the knowledge that (1) the constituent elements of the universe there are three realities of matter, space and time. The material is composed of atoms bound for eternity while space and time are absolute. That means space and time will always exist even if the material in the universe is not there. Space and time are infinite, universal and unchanging, (2) Change is merely a separation, recombination and movement with various variations of the fixed particles, (3) Changes in space and time are accomplished and governed by the laws of physics / chemistry. The first statement is the essence of scientific
materialism that is the foundation of modern science and a continuation of ancient Greek materialism, Democritus atomism. While the last statement implies that scientists are merely spectators who are outside the system.

The most important development at the time was the birth of modern science based on experimental and mathematical methods. Science is a science directed on observation and experimentation, whereas pure science relies on syllogism is philosophy. Science is separated from philosophy although in its development science gave birth to a new philosophy, the philosophy of science.

The pioneers of modern scientific developments are Leonardo da Vinci (1452-1519), Nicolaus Copernicus (1473-1543), Galileo Galilei (1564-1643) and Johannes Kepler (1571-1630). The philosophical basis for the development of science is Francis Bacon (1561-1623) with Novum Organon which means new logic. Bacon is very anti-metaphysical and emphasizes the view that data should be collected and experiments done to uncover the secrets of nature through organized observation. This method is then famous for the scientific method. The derivative idea of the most misleading scientific materialism of a religious person is the abandonment of God in the scientific world.

Bacon though not an atheist but for the reason of methodology in science holds that the ultimate goal must be removed in the natural sciences. The material is eternal and the universe is moving by itself mechanically like a machine. Therefore the existence of God is not necessary (Agus, 2016). Each building of science always rests on the three main pillars of the ontological, axiological and epistemological pillars. The three pillars of Islamic science must clearly be built on the principle of monotheism sourced in the words laa ilaaha illallaah and described in the pillars of faith and the pillars of Islam. Ontological pillar, which is the subject of science, Islam must accept material and nonmaterial reality as QS. Alhaaqah (69): 38-39.

38. Then I swear by what you see. 39. And with what you do not see.

Beings are not limited by the material and the senses, but also the immaterial ones. The order of creation or creature consists of three states: the material, the psychic and the spiritual. Meanwhile, scientific materialism became the essence of the ontology of western science. The concept of materialism has been taught at the junior level in the subject of Natural Science and has become a memorized statement that the material can not be created and destroyed. This has serious implications for the pillars of faith. Material can not be created means that matter has existed in the eternity of the past without the beginning of the creation and war of the Khaliq. Material can not be destroyed means rejection of destruction and doomsday as the end of the world journey. Rejection of apocalypse also means rejection of the next thing that is the rejection of the day of resurrection, good and bad charity.

The second pillar of science building is the axiological pillar, related to the purpose of science constructed or formulated. The ultimate goal of Islamic science is to know the Creator through the patterns of His creation, as QS. Ali imraan (3): 191

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191. Those who remember Allah while standing or sitting or in the ideals lie down and they think about the creation of heaven and earth (saying): "Our Lord, So keep us from the torment of hell.

The goal of Islamic science is to know the true nature of things as God gives them. Islamic science also aims to show the unity of natural law, the interconnection of all parts and aspects as a reflection of the unity of the divine principle. Knowing the nature and law
of each species of being means knowing Islam or the submissiveness of the species on the will of the Divine because according to the Qur'an all beings other than humans are Muslims. With this understanding the scientist becomes closer and subservient to the creator. The purpose of the benefit for the people in the form of material products is the derivative of the final goal of the achievement of the Creator. This is the basis of Islamic axiology. Modern science has moved towards deism, the belief that God initiated the universe, but then let it run on its own (Agus, 2009).

The third and most important pillar is how or by what we achieve knowledge, the epistemological pillar. The Qur'an which is the greatest miracle of the Prophet (s) is the source of Islamic intellectualty and spirituality. The Qur'an is a source of Islamic intellectuality and spirituality. The Qur'an is a foothold not only for religion and spiritual knowledge but for all kinds of knowledge. The Qur'an has a guiding function to mankind as a whole as stated by Surah Albaqarah (2): 185.

55. And remember, when ye say: O Moses, We will not believe in you before We see God with light [50], therefore you are struck by lightning, while you watch it [51] ".

[50] Meaning: to see God with his eyes.
[51] Because this kind of request shows their deceit and unbalance, they are struck by lightning as the doom of the god.

Improving Imtaq with Science Learning

Learning true science will improve faith and devotion, because:

1. Science learns things ‘unseen’

Belief in the occult is one of the joints of faith. The matters of faith are dominated by unseen things such as faith in God, angels, prophets and apostles, the Last Day, the belief in heaven and hell is something unseen, which is not reached by the senses but becomes obligatory to believe as Muslims. Things that are not reached by the senses do not mean they do not exist. This can be proven by studying science. Simple example, air is one example that can not be seen (unseen) but can be felt when the air is moving into the wind (because of the difference in pressure) so it is believed kemadaaanya. Learning about electric current, electric charges are things that are also supernatural but believed to exist.

Likewise with the sound, can not be seen but can be recognized by hearing, light is also visible and there is no visible. These things are actually caused by the limitations of the sense devices such as the eye that can only see objects that emit wavelengths in visible light (380- 700 nm) and the sounds that can be heard humans are also limited to the frequency of 20-20000 hertz. This phenomenon is a path that can be used to know God, that knowing God does not mean to see the form of God but the existence of God can be felt through the verses of kauniah through His creation. In QS.Albaqarah (2): 55 it is explained that unbelievers do not want to believe in Allah SWT until they can see Allah SWT in real.

وَإِذْ قَلَّتمُ يَوْمًا مَّمَّوْسِمٍ لَّن نُّبَيِّنَ لَكُمْ لَا كَيْنَى نَرِى الْحَيَاةَ الْأَخِرَةَ فَأَخْفَفُواْ الصِّعَابَةَ وَأَشْدُدوْنَ عَنْهُمَا

55. And (remember), when ye say: O Moses, We will not believe in you before We see God with light [50], therefore you are struck by lightning, while you watch it [51] ".

2. Science can explain that all prohibitions and commands of God bring benefits and mashlahat for his people

All the commandments and prohibitions of Allah The teachings of Islam bring benefit and goodness to the people. The rapid development of science continues to prove these things. Among other things, the teachings of Islam forbid his people to drink liquor such as alcoholic beverages (QS Almaidah (5): 90-91). With science it can be said that drinking alcohol will enter the body,

263
as much as 90-98 percent of the alcohol goes into the stomach and intestines, and the remaining 2-10 percent are removed through urine, sweat, and breathing. Within a maximum of 60 minutes, the alcohol enters the bloodstream through a diffusion process with one reaction order. Subsequently there will be alcohol metabolism with a zero reaction order, especially in the liver / liver, producing acetaldehyde, acetic acid, water, and carbon dioxide. Acetyl dehida is a chemical compound, a cousin of highly toxic formaldehyde that can damage the liver. Alcohol metabolism will also cause the accumulation of alcohol in the blood which, when reaching a concentration of 5.5 grams per liter will cause fatal death (H.Wildan, 2008).

The ban on eating pigs for Muslims is mentioned four times in the Quran in QS. Albaqarah (2): 173, QS. Al Maidah (5): 3, QS. Al An'am (6): 145, QS. An Nahl (16): 115. Scientific facts explain that (1) Pork is a tapeworm house. Consuming pork has a risk of being infected by tapeworms, because pork worms can move to the human body that consumes it, (2) the pig's urine bag often leaks, so the pig urine seeps into its flesh, (3) the pig has no neck, whereas Islam insists on slaughter Animal on (4) The pig is the most voracious animal, if the food has been exhausted then he turns the food in his stomach to eat it back, (5) Pigs are the dirtiest animal, the pigs eat all the garbage up to their own feces, (6) pigs hold many seeds of disease (9) Pork is a carrier of the swine flu virus, (10) pork is the main cause of anal cancer and colon (Ibn, 2016).

Allah's commands to humans would also bring benefits and mashlahat. Movements in prayer such as the prostration movement is the most useful movement in the process of massage against the stomach and digestive devices, so it can help maintain digestive health. The prostration position is also beneficial for mothers because it puts the uterus in its natural position and prevents damage and abnormalities. Shalat movements also help in the prevention of varicose veins (Rina, 2016).

3. Science affirms the existence of Allah SWT

The moon spins regularly around the earth on its orbital line. Similarly, the earth with other palettes, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune rotates equally around the Sun. The Sun along with hundreds of billions of other stars together surround the center of the Milky Way galaxy. All moves regularly evolve, in the same way that the moon circles the earth. There is an extraordinary regularity and accuracy, which organizes all the stars including the earth so that it is equally circulated in the line of orbit (in line).

Similarly, the smallest object in the universe, the atomic arrangement Wherein it consists of electrons that surround the nuclei of the atom, all moving on their respective orbital lines. It means starting from the largest object - the macrocosm to the smallest of the microcosm- atoms and electrons are all in the same mechanism, spinning and orbiting at its center. Movement of the celestial bodies in the galaxy, the movement of the atomic nucleus and the cell, the choreography of the stars in the sky, the human rotation of the Ka'bah (thawaf) creates a distinctive rhythm and rhythm. All of them exhibit enormous spiritual phenomena that have regularity as well as demonstrate the enormous spiritual power.

If the earth rotates on its axis at a speed of 334 km / h, instead of 3340 km / h, then the night will be ten times longer and nature becomes colder to sustain life. During the long day, the heat will devour all the plants. If the earth shifts a few millimeters away from its orbital line it will undoubtedly burn and burn (Ary, 2002). The perfection, size, exact and accurate size comparison has become a proof of the existence of Allah SWT. QS. Al-Mulk (67): 3-4

![Image](image.png)
3. who has created the seven heavens in layers. you are not looking at the creation of a benevolent God of unbalanced things. Then look again and again. Do you see something unbalanced?
4. then look once again your eyesight will come back to you without finding any defects and visions in the Poor State.

In addition, the existence of Allah SWT can also be seen from His creation. The cleverest man can not create a being, though a small creature like a fly. QS. Al-Hajj (22): 73

That is why Allah regenerated the damaged skin when He tortured His infidel servants in order to feel the pain of Allah SWT’s doom (Novi, 2012)

Another discovery, a prominent oceanographer and oceanographer from France, Jacques Yves Costeau when undertaking underwater exploration, found several spectacles of freshwater springs that tasted good because they did not mix with salt water around them, as if there were a wall or membrane that bordered them. Jacques Yves Costeau did not find the answer until one day discussed with the Muslim professor and gave answers to the problem in the Quran. Al Furqaan (25): 53

The Qur'an is impossibly composed by the prophet Muhammad who lived in the seventh century, an age with no sophisticated diving equipment to reach remote remote locations in the depths of the oceans. The odd phenomenon of the last 14 centuries was finally evident in the 20th century. Jacques Yves Costeau gets hidayah through it and instantly converts to Islam.

CONCLUSION

The function and purpose of national education to make learners to become human beings who believe and be cautious can actually be realized through science learning. In imtaq-oriented science learning, the three pillars of Islamic science must be summarized in the phrase tauhid senta laa ilaaha illallahah. For that required critical power, willingness and ability of teachers to equip themselves continuously with science-oriented materials to improve imtaq learners.
REFERENCES

Al Quran and translation


Undang-Undang RI No. 20 Tahun 2003 tentang *Sistem Pendidikan Nasional*