

Appendix D

Title : K-Pop

General Classification : The definition of K-Pop

Identification :

- Description 1 : The characteristics of K-Pop
- Description 2 : The reasons why K-Pop can worldwide
- Description 3 : The positive and negative impacts if we like K-Pop

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K-POP



K-pop is a music genre originating in South Korea that is characterized by a wide variety of audiovisual elements. Although it includes all genres of "popular music" within South Korea, the term is often used in a narrower sense to describe a modern form of South Korean pop music drawing on a range of Western styles and genres and classical on top of its music traditional Korea [1]. Before the advent of kpop, Korea has the traditional music that could be called a trot music.

K-Pop has many characteristics :

- Systematic training of artists, management agencies in South Korea offer binding contracts to potential artists, sometimes at a young age. Trainees live together in a regulated environment and spend many hours a day learning music, dance, foreign languages and other skills in preparation for their debut.[2]
- Marketing, many agencies have presented new idol groups to an audience through a debut showcase, which consists of online marketing and television broadcast promotions as opposed to radio. Groups are given a name and a "concept". Online marketing includes music videos posted to YouTube in order to reach a worldwide audience. Prior to the actual video, the group releases teaser photos and trailers.[3]
- Lyrics of the songs are mostly in Korean, but often times there will be a few verse in English (especially in the chorus) in order to hook and appeal to the international audience.[4]
- Main theme of songs are often based on love, though unlike American pop, the theme of sex very rarely appears in Kpop - Kpop is more innocent (and arguably more healthy).[5]

There are reasons why K-Pop can worldwide Korean music is varied and up to date.

Just look at Girlband and Boyband on average in 1 year can spawn 2 albums at once. The music genre is also not only pop, but there are also Ballad, Swing, and so on. In addition, K-Pop comes with songs full of passion that is very easily accepted by many people in the world. Although Korean music is also influenced by American pop music, K-Pop gets Korean touch that makes it look creative. Creative impression that displayed K-Pop gives a great attraction considering that it is very difficult to find a flow of songs that show the creative side.[6]

If we like K-Pop certainly it has positive and negative impacts. The positive impacts are :

- People like music is getting higher.
- Talents that have been buried can be developed or expressed. Now there are many Indonesian people, especially among teenagers make dance cover by using kpop songs together with their friends or by themselves.
- Strengthening the relationship between Indonesia and Korea.

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Commented [6]: themselves

- Many teenagers are interested to learn Korean culture or languages.[\[7\]](#)

And for the negative impacts are:

- Reducing a love of music Indonesia such as Malay and dangdut.
- The original Music Indonesia will gradually disappear.
- Citizens especially young people who forget a lot of identity as a nation of Indonesia, because of his lifestyle tend to imitate KPOP culture.
- The mixing of domestic culture with the outside culture.[\[8\]](#)

Title : Supernova

General Classification : The definition of Supernova

Identification :

- Description 1 : Types of Supernova
- Description 2 : How does the Supernova happen
- Description 3 : The impacts of Supernova

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Supernova



_____ Supernova is the explosion of a star in a galaxy emits more energy than a nova. This supernova event marked the demise of a star. ■ Supernova will look very bright and even brightness can reach hundreds of millions of times the star's original light, a few weeks or months before experiencing a supernova, the star will release energy equivalent to the sun's solar energy that is released in her life [1]. Supernovas are often seen in other galaxies, but supernovas are difficult to see in our own Milky Way galaxy because dust blocks our view. In 1604, Johannes Kepler discovered the last observed supernova in the Milky Way. NASA's Chandra telescope discovered the remains of a more recent supernova. It exploded in the Milky Way more than a hundred years ago. [2]

Supernova has two types. The first type is based on spectral lines in the supernova, then obtained some type of supernovae:

- Supernova Type Ia. In this supernova, there were no observations Hydrogen spectral lines.
- Supernova Type Ib / c. In this, there were no hydrogen or helium spectral lines time of observation.
- Supernova Type II. At this supernova, discovered the spectral lines of hydrogen time of observation. Hipernova Supernovae of this type releases enormous energy when exploded. This energy is much greater than the energy when another type supernova occurred. [3]

And based on a supernova energy sources, the following types of supernova are obtained.

- Thermonuclear supernovae (Thermonuclear supernovae)
 - Derived from a star that has a mass of small
 - Derived from stars that have evolved further exploding star is a member of a double star system.
 - The explosion destroyed the stars without residual
 - Explosion energy comes from burning carbon (C) and oxygen (O)
- Supernova Collapsed-core (Core-collapse supernovae)
 - Derived from a star that has a large mass.
 - Coming from a star that has a sheath big star and still burn hydrogen in therein. - Exploding star is a single star (like Supernova Type II), and double stars (like) supernova a Type Ib / c).
 - Starburst produce compressible objects such as neutron stars or black holes (black hole). [4]

Supernova occurred because a definite cause is shrinking stars because stars do not have the pressure that can withstand the outer layer because nuclear fusion stops and finally interested in gravity and eventually led to tremendous pressure and eventually explode. [5]

This supernova explosion because of its incredible enormity, it will cause some impacts or effects include:

- Creates the appearance of metal. At the core of the star after the supernova explosion occurs there will be a nuclear reaction. From then comes another element that weighs greater levels of helium and hydrogen. And when the explosion occurred, all these elements are ejected from the star and make a cloud around the star becomes filled with heavy elements.
- There is life in the universe after a heavy element or metal was ejected into space when a supernova explosion, then the element is then moved and entered on the other part which is located very far from the explosion. This element is then regrouped and again and form a star or become a new planet in the universe of this feat. [\[6\]](#)

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