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1. **From my understanding of teratology, we cannot cay that Corona virus is a teratogen. Reasons to justify this statement are as follows.**

**What is a Teratogen? a teratogen is an agent that, once in contact with a pregnant mother, will produce a defect in the developing fetus. A teratogen can be either a physical substance or a condition in the mother. The resulting defect can be either a physical abnormality or a functional defect. Although a pregnant woman can suffer from Corona virus, there has not been any reported cases of malformations in embryos due to Corona virus. In addition to that, Corona Virus is a that can lead to death just weeks after it has been contacted. With this in mind, the corona virus would lead to the death of the mother before the embryo becomes fully developed.**

1. **Covid-19 is a virus that infiltrates the internal system and begins to cause damage, for this to be prevented the immune system has to be at it’s optimum efficiency. For Covid-19 to have effects on an individual, it means the person’s immune system is not strong enough. A factor that can affect the strength of the immune system is Ageing. Although all age groups are at risk of contracting Covid-19, older people face significant risk of developing severe illness if they contact the disease due to physiological changes that come with ageing and potential underlying health conditions.**

**Physiological changes occur with aging in all organ systems. The cardiac output decreases, blood pressure increases and arteriosclerosis develops. The lungs show impaired gas exchange, a decrease in vital capacity and slower expiratory flow rates. As covid-19 is spread via a person to person route a packed and scanty environment makes it easier for contacting of the virus. Also in assisting to that, an environment where personal hygiene and safety precautions are not followed will increase the chances of contacting Covid-19.**

1. **Spermatogenesis and oogenesis are the processes of formation of male and female gametes. Spermatogenesis leads to the formation of sperms, whereas, oogenesis helps in the formation of ova. The fertilization of sperm and ova leads to the formation of a zygote which further develops into a embryo. Without these 2 processes, reproduction cannot occur because the sperm has to be formed and the egg or ovum also has to be formed for fertilization to occur, which would eventually lead to birth. Furthermore, spermatogenesis and oogenesis are important in the passing down of genetic information to the coming generation of offspring. Oogenesis helps to retain sufficient amount of cytoplasm in the ovum which is essential for the development of early embryo.**
2. **Personal hygiene may be described as the principle of maintaining cleanliness and grooming of the external body. The Importance of Personal Hygiene. Good personal hygiene is important for both health and social reasons. It entails keeping your hands, head and body clean so as to stop the spread of germs and illness. personal hygiene benefits an individual’s health and impacts the lives of those around them. One personal benefit of good hygiene is having better health. Keeping the body clean helps prevent illness and infection from bacteria or viruses. A disaster is a sudden, calamitous event that seriously disrupts the functioning of a community or society and causes human, material, and economic or environmental losses that exceed the community's or society's ability to cope using its own resources.**

**Personal Hygiene and Disaster are related because after a disaster, personal hygiene is a necessary way of reducing or stopping the spread of illnesses and diseases and preventing further damages following the disaster. For instance, in the case of covid-19, some personal hygiene tips to prevent further spread of the virus are as follows:**

#### **Don’t touch your face**

#### **Don’t cough or sneeze into your hands**

#### **Keep your distance**

#### **Wash your hands**

* **Wear a nose mask**

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