

**Section A**

[20 marks]

*[Time suggested : 30 minutes]***Question 1***Read the following text and complete the given task.*

Kidney failure occurs when the kidneys are damaged from injury that they can no longer cleanse the blood. There are two types of kidney failure. One is acute kidney failure – a sudden, usually short-term loss of kidney function. Dialysis may help the patient through this period of kidney failure and in the majority of cases, the kidneys recover normal function. There is also the end-stage renal disease which is permanent and is caused by irreversible damage to both kidneys. The patient will then acquire dialysis or a kidney transplant.

Nephritis, a chronic inflammation of the small blood vessels of the kidneys, is the most common cause of kidney failure. Other causes include uncontrolled hypertension or high blood pressure, chronic infection of the kidneys usually from birth, and obstructions such as kidney stones which can block drainage and can cause damage or infection.

Diseases such as diabetes can also impair kidney functions while analgesics (pain-relieving drugs) taken in large amounts and over long periods can also cause serious kidney damage. Some forms of inherited kidney diseases may also lead to kidney failure.

Kidney diseases can be fatal if left untreated. Treatment can slow down the disease and prolong life. This involves a few methods such as dieting by regulating the intake of salt, water and protein, the intake of diuretics to help avoid build up in the body and taking antibiotics to prevent or limit the damage to kidneys caused by infections. Special drugs can effectively relieve symptoms, in many cases, of nephrosis. Surgery can remove obstructions.

**[Lihat sebelah****SULIT**

Based on the information from the text, complete the table below.

<b>KIDNEY FAILURE</b>	
<b>Types</b>	1. _____ 2. _____
<b>Causes</b>	3. _____ _____ 4. _____ _____ 5. _____ _____ 6. _____ _____
<b>Treatments</b>	7. _____ _____ 8. _____ _____ 9. _____ _____ 10. _____ _____

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**Question 2**

*Read the following text and complete the given task.*

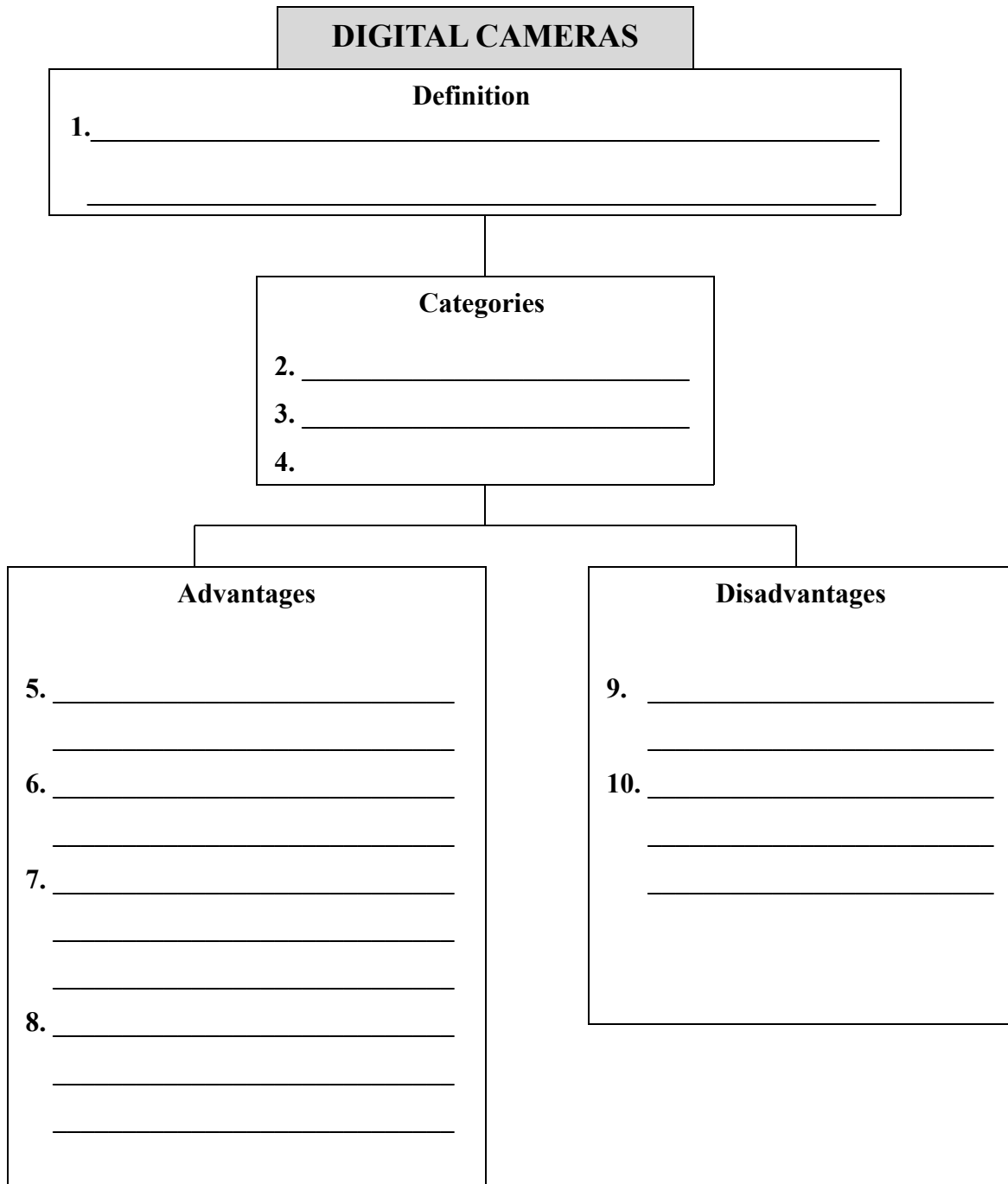
Digital cameras are cameras that take video or still photographs, or both, digitally by recording images on a light-sensitive sensor. Many compact digital still cameras can record sound and moving video as well as still photographs. Digital cameras are incorporated into many devices ranging from Personal Digital Assistants (PDAs) and mobile phones (called camera phones) to vehicles. They can be classified into several categories which are professional video cameras, camcorders and webcams.

Digital cameras benefit users in many ways. One such benefit is instant review of pictures, with no wait for the film to be developed. If there is a problem with a picture, the photographer can immediately correct the problem and take another picture. Furthermore, pictures do not need to be scanned before viewing them on a computer and at the same time users could use the same device to capture video as well as still images. By using these digital cameras, users are also able to capture and store hundreds of photographs on the same media device within a digital camera.

Though digital cameras have become less expensive over the past decade, they are by no means inexpensive. Cost is a major disadvantage of digital cameras. The cost of an average digital camera can range from RM400 to RM5000. If you are looking to purchase a professional digital camera, then you might spend up to RM10,000. Users must be able to understand and operate the computer software that goes along with the camera. This could be considered as a disadvantage of digital cameras because for some people, using technology can be quite a challenge. Digital cameras tend to consume more batteries than film cameras do. For example, a set of batteries for a digital camera might last for two days, while a film camera receiving the same amount of use would last a week on the same set of batteries!

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Based on the information from the text, complete the graphic organiser below



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[10 marks]

**Section B**

[30 marks]

*[Time suggested : 45 minutes]*

*Read the information given below on environmental issues.*

- Human activities have undesirable effects on the environment
- Deforestation – soil erosion – loss in biodiversity
- Burning of fossil fuels
- Intensive farming decreases the space and resources
- Excessive use of inorganic fertilizers
- Increase in human population generates waste
- Improper waste-disposal management

Write a **report** on the environmental issues. In your report, you **must**

- use **all** the points given
- elaborate by giving relevant information
- provide any other additional information on environmental issues

Your report **should not be less than 200 words**.

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**KERTAS SOALAN TAMAT**

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