2.2 Duty the diagram of Nor plant species below and enters the questions that follows:



- 2.2.1 What is this type of representation called?
- 2.2.2 Which characteristic is found in the protes that is not found in the pine tree?
- 2.2.3 During which period did the encestor of the profes and the palm tree discovered fluorosted office.
- 2.3 Shally the shetches of plants below and prosent the purchase that follow.



- 2.3.1 Identify the plant groups under which plants A, B, C and D are classified.
- 2.3.2 Morthly the shudge rundered 2 (1)
- 2.3.3 Plants B and C both produce seeds. Eightin the importance of seeds for both these plants. (4)
- 2.3.4 Give a reason only plant A reads water for sexual reproduction. (2)

- 2.4 Use your knowledge and compare the july fish, lapsessess and eartherers in a table regarding the following characteristics:
  - 2.4.1 symmetry
  - 2.4.2 coalors
  - 2.43 Mood motion

1999

**(20)** 

#### QUESTION 5

m

3.1 Read the passage below and answer the questions that follow.

Peat lands are special well-ands that play a very important rule in ecology. A peat tend, of approximately 6 000 years old, near Malitang is alread destroyed because of excessive entraction of sales from the nearby Mologo river. The weller is extracted for human consumption.

Peut lands like the one near Matkeng is exceptional and play an important sele in storing exter as well as preventing dimete changes.

Or Plet-Louis Grundling said that certon that is "held" or "stored" by peet lands combats climate change because it decreases the amount of certon in the strooghers.

Feat lands trup about one third of the world's outcor. Approximately 50% of welfands worldwide are peal lands. However in South Affice about 10% of the welfands are peal lands.

Orunding explained that peet lands can hold about 1 000 times its own mass in water. This replanishes the easier table and is the source that beings other in fouring. The "sponge effect" of the peat also makes it possible to store water that is then released during the seasons.

Or Cirunding used that it might be too late to reaton the peat land near thatfining but it might be possible to reaton some parts of it if more water is supplied to this seed land.

The result of this distinution is depletion of the water lable. The habital of numerous fish and thop species that lived in this peak land was also destroyed.

From Seelit 24 September 2016

- 3.1.1 Give TWO other reasons (not mentioned in the passage) that our lead to the destruction of welfands.
- 3.1.2 Obcuse reasons from the passage regarding the importance of these specific wallands for the analysement. (d)
- 3.1.3 Suggest a way in which this peet land near Melikeng can be resistent.

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