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 regionishes the easier table and is the source that beings streams howing. 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 followed tog 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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#### Table of Contents Grade 11 Life Science Test Number 4 Memo 2014

- 1. Understanding the eBook Grade11 Life Science Test Number 4 Memo 2014
  - The Rise of Digital Reading Grade11 Life Science Test Number 4 Memo 2014
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Grade11 Life Science Test Number 4 Memo 2014
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Grade11 Life Science Test Number 4 Memo 2014
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Grade11 Life Science Test Number 4 Memo 2014
  - Personalized Recommendations
  - o Grade11 Life Science Test Number 4 Memo 2014 User Reviews and Ratings
  - Grade11 Life Science Test Number 4 Memo 2014 and Bestseller Lists
- 5. Accessing Grade11 Life Science Test Number 4 Memo 2014 Free and Paid eBooks
  - o Gradell Life Science Test Number 4 Memo 2014 Public Domain eBooks
  - o Grade11 Life Science Test Number 4 Memo 2014 eBook Subscription Services
  - Grade11 Life Science Test Number 4 Memo 2014 Budget-Friendly Options

- 6. Navigating Grade11 Life Science Test Number 4 Memo 2014 eBook Formats
  - o ePub, PDF, MOBI, and More
  - Grade11 Life Science Test Number 4 Memo 2014 Compatibility with Devices
  - Grade11 Life Science Test Number 4 Memo 2014 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - o Adjustable Fonts and Text Sizes of Grade11 Life Science Test Number 4 Memo 2014
  - Highlighting and Note-Taking Grade11 Life Science Test Number 4 Memo 2014
  - Interactive Elements Grade11 Life Science Test Number 4 Memo 2014
- 8. Staying Engaged with Grade11 Life Science Test Number 4 Memo 2014
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - o Following Authors and Publishers Grade11 Life Science Test Number 4 Memo 2014
- 9. Balancing eBooks and Physical Books Grade11 Life Science Test Number 4 Memo 2014
  - Benefits of a Digital Library
  - o Creating a Diverse Reading Collection Grade11 Life Science Test Number 4 Memo 2014
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Grade11 Life Science Test Number 4 Memo 2014
  - Setting Reading Goals Grade11 Life Science Test Number 4 Memo 2014
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Grade11 Life Science Test Number 4 Memo 2014
  - Fact-Checking eBook Content of Grade11 Life Science Test Number 4 Memo 2014
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements

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