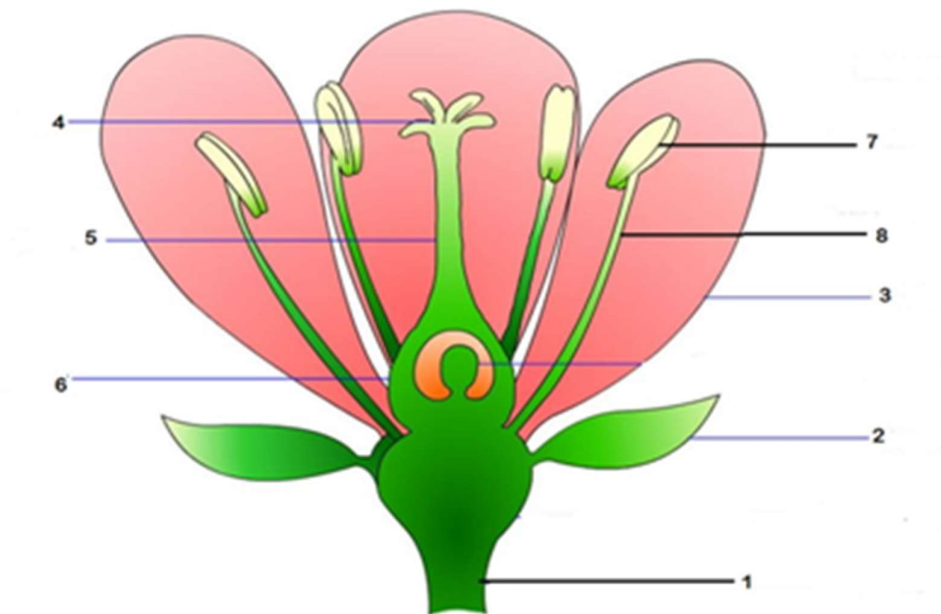


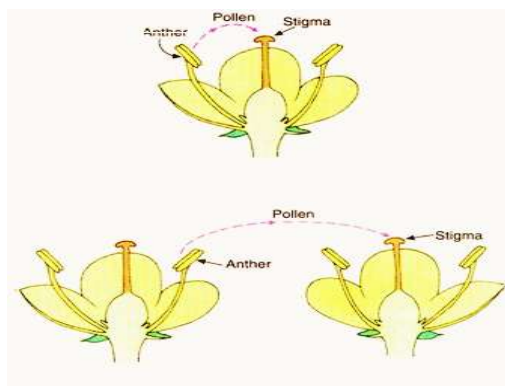
GRADE 6 (EOT – 3)

Written exam (Books Unit 2 and 4)

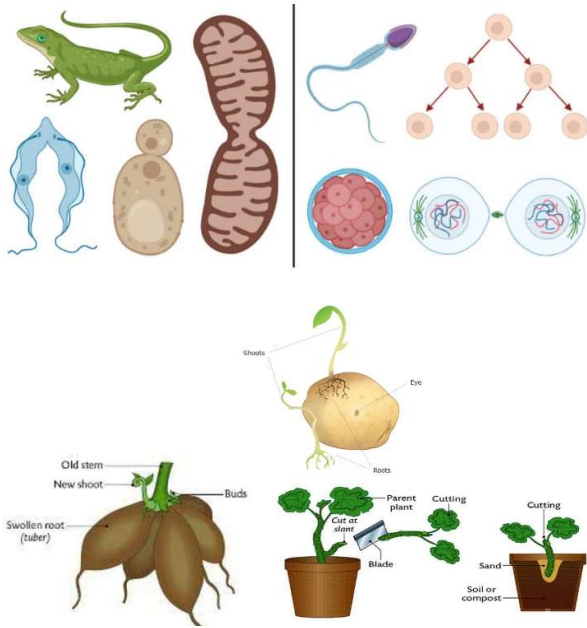
1. Label the parts of a flower.: 4,5,6,7,8



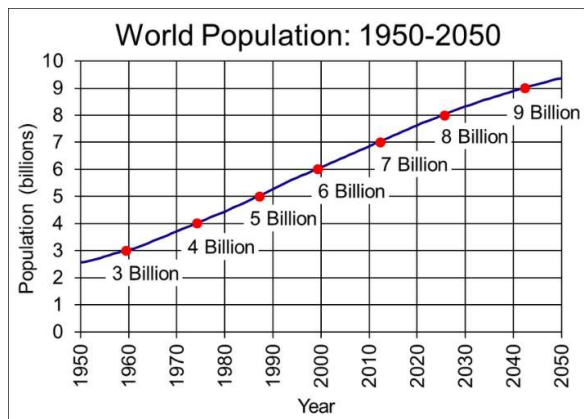
2. Label the types of Pollination.



3. Label the types of Reproduction



4. Read the graph:



(a) By 2050, there would be _____ Billion People.

(A) 7 Billion (B) 5 Billion (C) 8 Billion (D) 9 Billion

(b) How does growing population impact land as a resource ?

5.



(a) The waste that cannot be recycled composted are put in _____.

(b) The wastes that can be harmful for human and plants are _____ waste.

(c) Contamination of environment with harmful substances is called _____.

6. Explain what effect trash disposal can have on earth's systems.

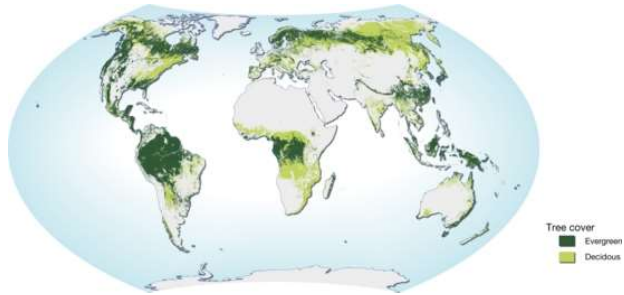
7.

(a)What does Reduce, Reuse, Recycle mean?



(b)Why is it important to use the natural resources wisely?

8.

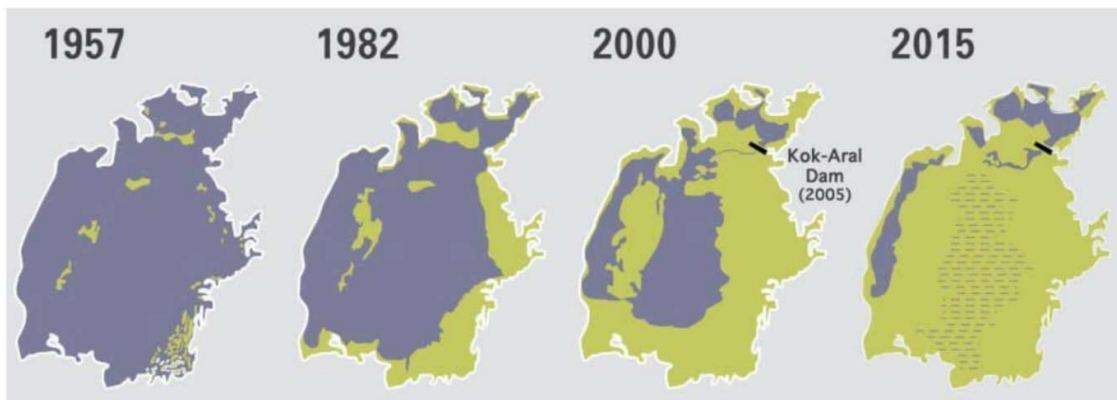


(A) How the biodiversity and viability of the species of Owl have been affected due to de-forestation.

(B) List the impacts of deforestation.

- (a) _____
- (b) _____
- (c) _____
- (d) _____

9. Aral Sea - The loss of the Aral Sea.



(A) The drying of the Aral sea. List the disadvantages that affected human, due to human modifications.

10. Changing the flow of surface water – Dam that are reservoirs to store water.



(A) List two advantages of the Dams.

(B) List two disadvantages of building Dams.

11. Why the use of old refrigerators, Air conditioners, Propellants in aerosol cans are harmful.

List 3 reasons.

1.

2.

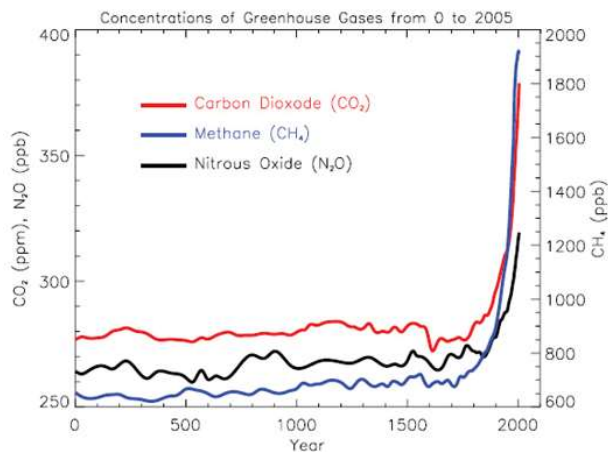
3.

12. Yangtze River in China Green and Polluted.



List the differences in the environment in both the pictures.

13. Global Green house gas concentration



(A) What happened to CO₂, CH₄, N₂O levels in the last century?

(B) What would happen if greenhouse gases keep increasing in the environment ? How is it related to global warming?

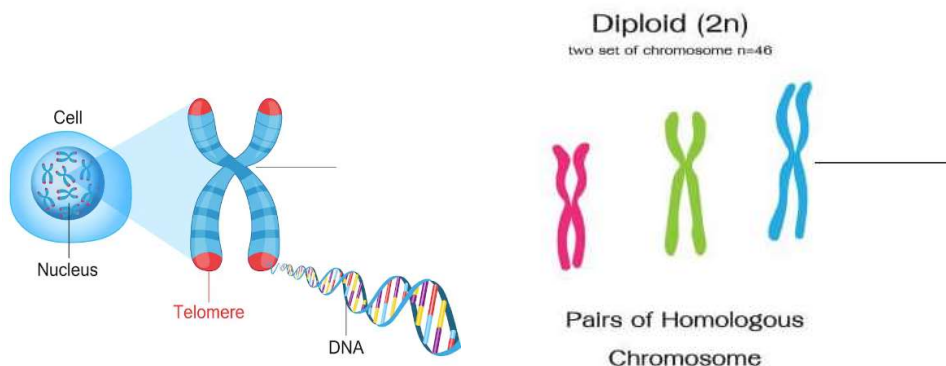
14. Hybrid Cross

HYBRID CROSS		
Purple Flower	White Flower	Trait Comparison
705	224	_____

1. Calculate the relationship of purple to white flowers.

2. What patterns do you notice in the ratio of offspring.

15. Label the diagram:



(a) The information section on a chromosome _____

(b) The different forms of a gene are called _____

(c) The two allele that control the phenotype of a trait are called _____

(d) AA Shows _____ allele

(e) aa shows _____ allele

(f) Make a homozygous dominant trait for round seed
 _____ (RR, rr, Rr)

(g) Make heterozygous trait for round and wrinkled seed
 _____ (Rr, RR, rr)

16. Label L - for Learned and I - for innate behaviour



17. Label the seeds dispersed by wind water and animals..



milkweed



sandbur







maple



coconut
