
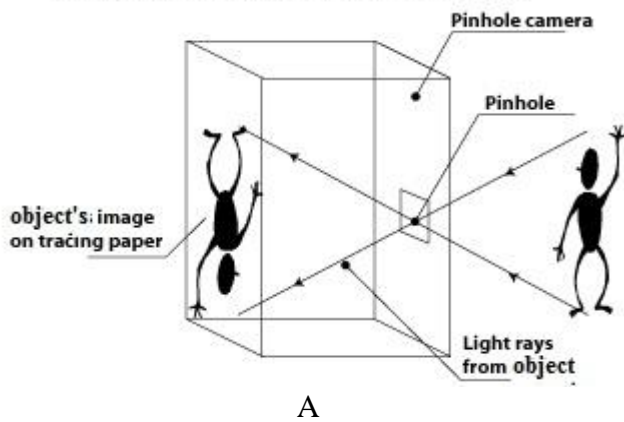


14. a) How are plants the ultimate source of food on the earth? (2)
 b) We do not get food from scavenger and decomposers; still they play an important role in our life. How?

15.  The picture given shows the image and shadow of Rehan. Help him to state the differences between his shadow and his image.(any three) (3)

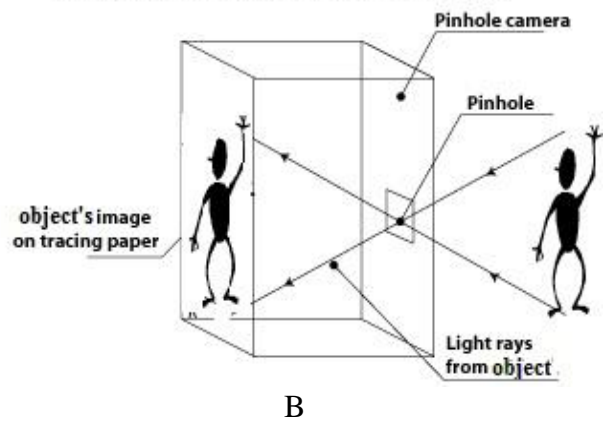
16. a) You don't see the image of your face when you stand in front of clear glass window pane: Why? (3)
 b) The image created on a pin hole camera of a given object is as shown below. Identify the correct one and justify your answer.

Using a pinhole camera to create an image



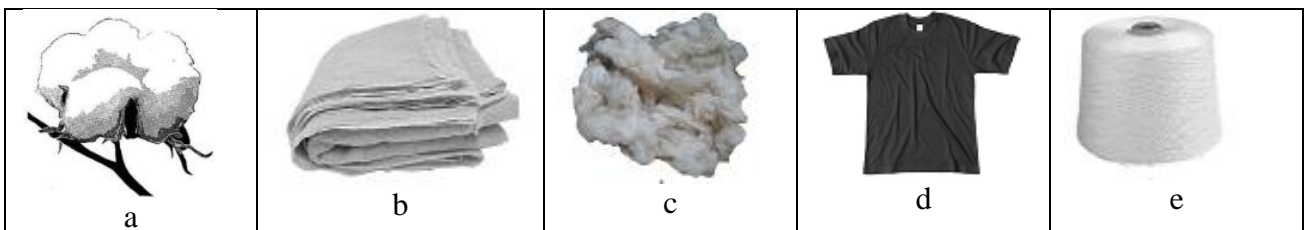
A

Using a pinhole camera to create an image



B

17. A cotton shirt before it reaches you completes a long journey. Jumbled pictures of different stages of the journey are shown. Arrange the pictures in the correct order and write the names of the process each of it undergoes to reach the final product. (3)



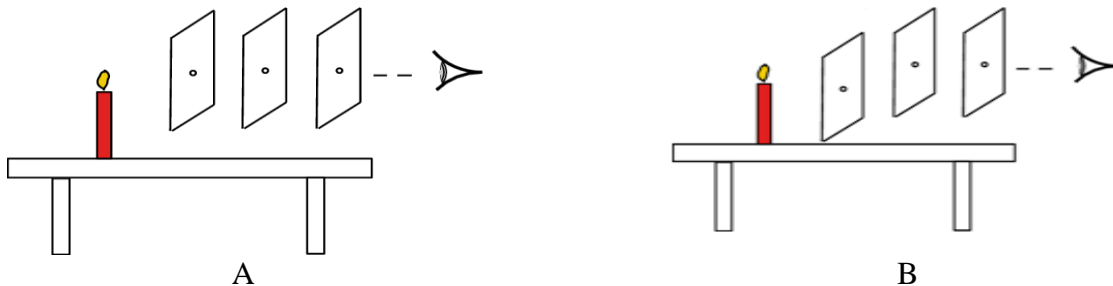
18. Read the statements and answer the questions: (3)
- a) You are given two pieces of different types of fabrics which are labeled X and Y. Both the fabrics are burnt one by one. The fabric X burns producing the smell of a burning paper and fabric Y burns producing the smell of burning hair. Which fabric could be made of wool and which fabric is made of cotton?
- b) Take a piece of cotton and nylon fabric. Immerse it in water. Take it out and squeeze the water out. Allow it to dry on a clothes line. Name the fabric absorbs more water? and Name the fabric that dries fast?
- c) It is difficult to pass the thread through eye of a needle. Give your comments.

19. Here are some meals with an item missing from each one. Decide what food item you would add to make each meal part of a balanced diet. Write the name of the food item and the nutrient it is from for each meal: (3)

Meal Plan 1	Meal Plan 2	Meal Plan 3
1. roti with ghee	1. rice	1. mixed veg. sabji
2. carrot-capsicum sabji	2. dal fry	2. chicken fry
3. name of food item & nutrient	3. name of food item & nutrient	3. name of food item & nutrient

20. Vivek was given the following statements for his homework. Help him to analyse the statements and write the appropriate explanation for each of them. (3)
- Eating an orange as a whole is recommended than drinking its juice.
 - Vitamin D is called a 'Sunshine Vitamin'.
 - Goitre disease is more common in hilly areas than coastal areas.

21. a) Arun performed an activity as shown in A and Akhil performed the activity as shown in B. who will be able to see the flame of the candle? Why? Give two evidences to show this property of light. (5)



- b) Observe the pictures given below carefully and write your observation. Support your answer with appropriate diagrams.



22. a) Give a detailed account of 'discovery or origin of clothing'. (5)
b) What will happen if we pull the yarn from torn pair of socks? State the reason. Name the process by which the socks is made.

23. a) Anila soaked two different seeds A and B overnight. After draining the water she wrapped them in a wet cloth and kept aside. On opening the wrap she found the seeds changed into C that had small white structures. (5)
- Name the seeds A and B
 - What do you call C?
 - What are the small white structures in C called?
 - Why is C considered more nutritious than A and B?

b) Ravi has missed his breakfast today. He is feeling tired and exhausted. Why?

c) Priya started cooking for the first time. State any three pre cooking practices she should adopt to avoid loss of nutrients.