

Syllabus for CSO is available at <https://www.crestolympiads.com/cso-syllabus>

**Pattern And Marking Scheme**

Class	Topic/Section	No. of Questions	Marks per Questions	Total Marks
	Practical Science	25	1	25
1 <sup>st</sup> to 4 <sup>th</sup>	Achiever's Section	10	2	20
	<b>Grand Total</b>	<b>35</b>	-	<b>45</b>
	Practical Science	40	1	40
5 <sup>th</sup> to 10 <sup>th</sup>	Achiever's Section	10	2	20
	<b>Grand Total</b>	<b>50</b>	-	<b>60</b>

1. What is common between the two pictures given below?



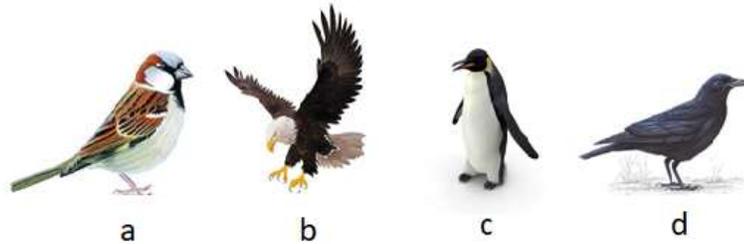
- They both are beverages obtained from plants.
- They both are fibers.
- They both are spices used in daily cooking which are obtained from plants.
- They both are medicinal plants.

2. Complete the following sentences with suitable phrases from the list given below:

- Sunbird which sucks nectar or juice from the fruits and flowers has a \_\_\_\_\_
  - Swimming birds have \_\_\_\_\_.
- 1-soft and broad beak, 2-very strong and sharp claws
  - 1-broad and flat beak, 2-two toes pointing upwards and two toes pointing downwards
  - 1-strong and chisel-shaped, 2-Long, thin and slender legs
  - 1-long and slender beak, 2-feet with special webs of skin between the toes

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3. Which of the following birds collects few pebbles and bones on the ground to make their nests?



a) d  
c) c

b) a  
d) b

4. Match the nutrients in column I with its food sources in column II and select the correct option:

	Column I		Column II
1.	Carbohydrates	A.	Citrus fruits and amla
2.	Vitamin A	B.	Milk, cheese, curd
3.	Calcium	C.	Rice, wheat, jowar
4.	Vitamin C	D.	Carrots, green leafy vegetables

- a) 1-C, 2-D, 3-B, 4-A  
b) 1-A, 2-B, 3-C, 4-D  
c) 1-D, 2-C, 3-A, 4-B  
d) 1-B, 2-A, 3-D, 4-C

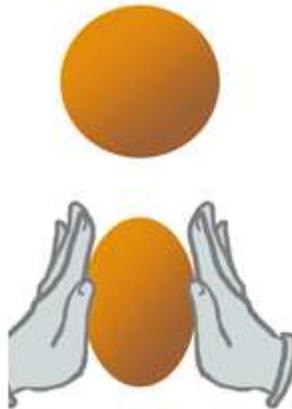
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5. What is the similarity seen in email, letters and books?



- a) They are all written forms of communication.
- b) They are all oral forms of communication.
- c) They are all verbal forms of communication.
- d) They are all different forms of mass communication.

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6. The picture below shows that we are applying force on the inflated balloon by pressing it between the palms:



What can we conclude from this experiment?

- a) Force can change the state of motion of the object.
- b) Force can change the shape of an object.
- c) Force can change the direction of the object.
- d) Force can change the colour of the object.

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7. Identify the type of house from the clues given below:

**Clue 1:** I am a kutcha house.

**Clue 2:** I am made of mud, leaves and straws.

**Clue 3:** During heavy rain and storm, I get destroyed easily.

Who am I?

- a) Tent
- c) Hut

- b) Apartment
- d) Caravan

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8. Observe the pictures shown below:



Identify the similarity between them correctly.

- a) They all are natural sources of light.
  - b) They all are artificial sources of light.
  - c) They all do not have light of their own.
  - d) They are all celestial bodies.
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## Achiever's Section

9. Given below are pictures of some food items:



Spot the similarity between all these food items correctly.

- a) They are rich in vitamins and called protective foods.
  - b) They are rich in proteins and are called body-building foods.
  - c) They are rich in minerals and called protective foods.
  - d) They are rich in carbohydrates and are called energy-giving foods.
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10. Fill in the blanks with suitable terms from the list given below:

Animals cannot live without \_\_\_\_ (i) \_\_\_\_ . The balance of \_\_\_\_ (ii) \_\_\_\_ and \_\_\_\_ (iii) \_\_\_\_ in the atmosphere is maintained through \_\_\_\_ (iv) \_\_\_\_ in plants and animals and by \_\_\_\_ (v) \_\_\_\_ in plants. This shows the \_\_\_\_ (vi) \_\_\_\_ of plants and animals.

- a) i-plants, ii-oxygen, iii-carbon dioxide, iv-respiration, v-photosynthesis, vi-interdependence
- b) i-soil, ii-oxygen, iii-carbon dioxide, iv-transpiration, v-photosynthesis, vi-interdependence
- c) i. air, ii-nitrogen, iii-sulphur, iv-transportation, v-respiration, vi-no relation.
- d) i-water, ii-nitrogen, iii-carbon dioxide, iv-evaporation, v-transpiration, vi-interdependence

## Answers

1. (c), 2. (d), 3. (c), 4. (a), 5. (a), 6. (b), 7. (c), 8. (b), 9. (b), 10. (a)