



English

- Q1. Write an article of about 200 words on the topic : Healthy Lifestyle
- Q2. Make a video presentation of about 3 Minutes on the topic: Environmental Impact of Lockdown.
The video must incorporate
- The student's introduction
 - The face of the student must be visible during introduction and presenting the ideas.
 - The student may use slides of pictures and facts.
 - It must be an interesting and impressive video.
- Q3. There is an error in each line. Write the incorrect word and the correct word against the corresponding blank:

	Error.	Correct
The life of the people in Mewar	a. -----	-----
must have been peace.	b. -----	-----
This is reflect in their art and	c. -----	-----
literature and there loving	d. -----	-----
nature.		

- Q4. Complete the passage given below choosing the correct alternatives.
If the modern man wants tips (a)..... good child care, he could (b) at a couple of frogs in Papua New Guinea. (c)..... remarkable behaviour of two species, (d) which males (e)..... only bear sole responsibility for looking (f) their offspring but (g)..... take the entire family for piggy-back rides (h) the forest, came to light recently.
- (a) (i) regarding (ii) regard (iii) regards (iv) regarded
(b) (i) take (ii) observe (iii) look (iv) up
(c) (i) A (ii) The (iii) An (iv) Some
(d) (i) out (ii) in (iii) of (iv) an
(e) (i) not (ii) no (iii) know (iv) note
(f) (i) up (ii) under (iii) across (iv) after
(g) (i) and (ii) come (iii) also (iv) through
(h) (i) over (ii) when (iii) upon (iv) through

Hindi

- प्र.1 वर्तमान में फैली महामारी कोविड-19 से बचने, सतर्क एवं सुरक्षित रहने का संदेश देते हुए कोई 2 नारे लिखिए ।
- प्र.2 अभी हाल में ही जो भी पुस्तक आपने पढ़ी हो उसकी समीक्षा अपने शब्दों में लिखिए ।

Mathematics

- Activity 1.** To construct $\sqrt{2}, \sqrt{3}, \sqrt{4}, \sqrt{5}, \sqrt{6}, \sqrt{7}, \sqrt{8}, \sqrt{9}$ and $\sqrt{10}$ on number line by root spiral graphical representation.
- Activity 2.** Visualise 4.5758 on the number line, using successive magnification.

Science

Physics

- Q-1 A scooter acquires a velocity of 36 km/hr in 10 seconds just after the start. It takes 20 seconds to stop. Calculate the acceleration in the two cases.
- Q-2 A car travelling at 36 km/hr speeds up to 72km/hr in 5 seconds. What is its acceleration? If the same car stops in 20 seconds what is the retardation?

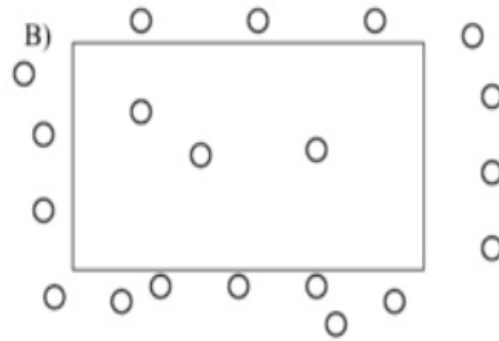
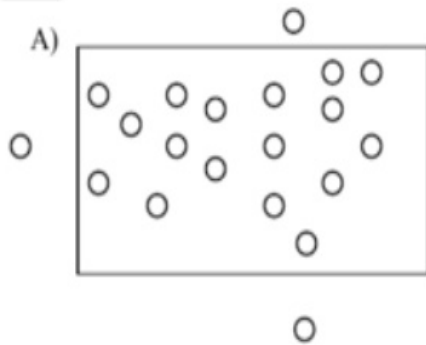
- Q-3 What is the acceleration of an object moving with constant velocity?
- Q-4 Differentiate between uniform and nonuniform acceleration giving an example of each.
- Q-5 A moving train is brought to rest within 20 seconds by applying brakes. Find the initial velocity if the retardation due to brakes is 2m/s^2 ?
- Q-6 A car increases its speed from 20km/hr to 50 km/hr in 10 seconds. What is the acceleration?
- Q-7 A ship is moving at a speed of 56km/hr . 1 second later it is moving at 58 km/ hr . Find its acceleration.
- Q-8 Differentiate between uniform and non-uniform motion stating 4 points.
- Q-9 Name the quantity that represents (a) rate of change of displacement (b) rate of change of velocity.
- Q-10 State the conditions under which, distance and displacement are equal.
Speed and velocity are equal
- Q-11 Draw distance time graphs for the following
Object at rest
Object in uniform motion
Object in non uniform motion
- Q-12 A train travels some distance with the speed of 30km/hr and returns with a speed of 45km/hr . Calculate average speed of the train.

Chemistry

- Q.1 The melting points of three solids X ,Y and Z are 298 K , 314 k and 398 K respectively. Arrange these in increasing order of their interparticle force of attraction.
- Q.2 Give reason for the following :
(i) Gases exert pressure on the walls of the container .
(ii) Sponge is solid but still it can be compressed .
- Q.3 Suggest an activity to show that the rate of diffusion of liquids decreases with increase in density of the liquid .
- Q.4 Explain the term density .Arrange different states of matter in increasing order of density.
- Q.5 (a) Carbon dioxide is a gas. Write its two gaseous properties to justify it.
(b) How can we liquefy a gas?

Biology

1. Use arrows to indicate the direction of diffusion in each case: ○ is a molecule that can pass through the cell membrane. □ is a cell membrane.



2. For each of the situations below use an arrow to indicate the net movement of **sugar** into or out of the cell. (Assume that the sugar molecules can pass through the cell membrane in each case.)



5% sugar



1% sugar



1% sugar

3. The cell membrane is made of a _____.
4. The cell membrane is _____ permeable. This means that _____

5. Diffusion always causes particles to move from a region of _____ concentration to a region of _____ concentration.
6. What is the difference between active transport and passive transport?
7. How are diffusion and osmosis similar?
8. How diffusion and osmosis different?

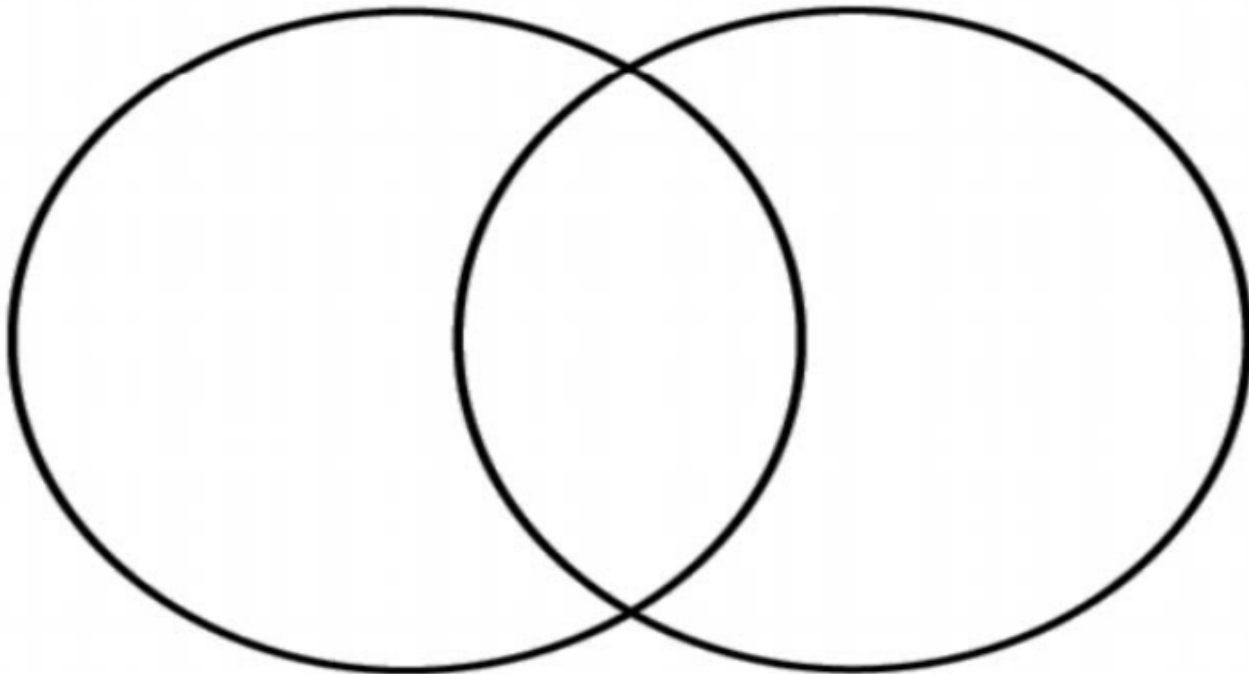
Comparing Plant And Animal Cells VENN Diagram

Directions: Fill in the VENN Diagram to compare *PLANT CELLS* to *ANIMAL CELLS*. Use the words in the word box.

ER	cell membrane	cell wall	chloroplast	cytoplasm
Lysosome	mitochondria	nucleus	ribosome	Large vacuole
Golgi	Chlorophyll	Eukaryotic		

PLANT CELL

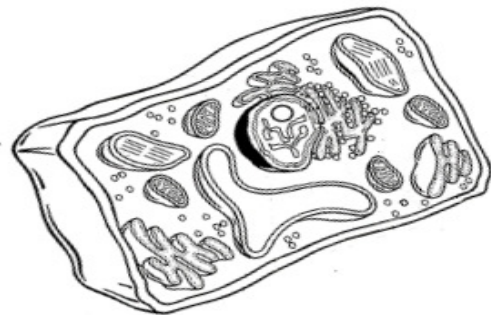
ANIMAL CELL



Cell Organelles

S M W V A C U O L E E Q T C K S P
R S I W C U X S E J A G O L G I V
Z W Z T E P N Y C Q P R H E D U B
G M E D O U N U C L E U S K D X B
Y Y U N Q C M I E S E B W E M S R
K Q J E D W H M M O Y B B S B K S
Y R S A V O O O M S O Y A Y S B W
M N I N O S P U N Q E L X O Q Q G
W E H B O I L L K D P F T S T Q Q
B J M S O U R J A O R H A T W F O
P H Y B C S W S T S G I H V A T I
J L J I R B O Y N U T H A K L D F
F M T T D A C M O X C I R P L X R
X E U K F U N R E J O S C H S V Y
R L K I U I S E N S N Q Y B F M F
K V L C A C H L O R O P L A S T H
L E N O R O J Z F S M O O T H B D

- chloroplast
- cytoplasm
- endoplasmic
- golgi
- lysosome
- membrane
- mitochondria
- nucleus
- reticulum
- ribosomes
- rough
- smooth
- vacuole
- wall



S.St.

Instructions:

1. The holiday homework should be done in a very neat and presentable manner.
2. Questions must be done in the given sequence.
3. The Child will be assessed for neatness, presentation, completion of all the given questions and timely submission.
4. For the project, posters, collage etc use a A4 sheet, drawing sheet or interleaf pages as per your convenience.
5. Last but not the least revise all the chapters done as it will help you in future assessments.

Answer the following questions.

1. Who were Mirabeau and Abbe Sieyes?
2. How was the system of Estates in French Society organized?
3. Describe the role of philosophers in the French Revolution.
4. Describe the political and economic condition of France during the 18th century.
5. What were the measures taken by Robespierre's government in bringing equality in French society?
6. Describe the legacy of the French Revolution for the peoples of the world during the 19th & 20th century.
7. "The sun rises two hours earlier in Arunachal Pradesh as compared to Gujarat in the West but the watches show the same time". How does it happen?
8. Write a note on the size and location of India.
9. Explain the division of Himalayas in detail
10. Compare between Andaman Nicobar and Lakshadweep islands.
11. Differentiate between Western Ghats and Eastern Ghats.
12. Write a note on the Northern plains.
13. Which party of Zimbabwe helped its country to gain independence?
14. What was the designation taken by Pervez Musharraf for himself when he overthrew the Democratic Government of Pakistan in 1999?
15. How do we distinguish democracy from other forms of government like monarchy and dictatorship?
16. Why is democratic Government a better form of Government?
17. Explain with the help of example of any country of the world free and fair elections are a part and are must for democracy.
18. Explain the broader meaning of democracy. What weaknesses of democracy do you observe in India?
19. What is the minimum wage per day for a farm labourer set by the government?
20. In which type of activity is dairy farming included?
21. State the importance of growing more than one crop on a piece of land.
22. Why do small farmers borrow money in Palampur?
23. What do you mean by green revolution? Write two merits and demerits each.
24. Explain the factors of production.

2. Map Skills

A. Geography

Mark the following on the map of India

- a. Longitudinal and latitudinal extension of India
- b. India's neighbours
- c. 28 states and 9 Union territories
- d. States lying on Tropic of Cancer
- e. Major physiographic division of India

B. History

On the outline map of France locate and label the following places

- a. Ports of France related to slave trade – Bordeaux and Nantes
- b. Place where the national anthem of France was sung for the first time
- c. Place where Louis XVI was assassinated
- d. Place where Napoleon Bonaparte was defeated



Project:

- a. Prepare a project on disaster management explaining manmade disaster and natural disaster.
- b. Draw, colour and write a brief write up on political symbols given in your NCERT History book on pg no 12 and 13.

Art & Craft

- * Name Decoration (with Calligraphy)
- * Landscape (with poster colour)
- * Pop up art on news paper
- * Portrait Painting (Draw & Colour)

Computer

Subject: Information Technology (402)

Note: Do Holiday Homework in your computer notebook.

Q.1 Write three paragraphs of the text and apply the following effects

Common effects → Header with dates, Time and Page Number

Paragraph1 → Left Aligned, 15pt line spacing, 6 pt space to the left both before and after the paragraph, redcolored, underlined text.

Paragraph2 → Justified, 24 pt line spacing, Hanging Indents with a difference of 1.50 cm, single strikethrough text

Paragraph3 → Right Aligned, 10 pt line spacing, all indents set to 2.0, Bold, Italic, and Green Colored Font
Take the printout of the page and paste in your notebook.

Q.2 Create Index page of your science Text Book using various tab options and paste the printout in your notebook.

Q.3 Explain various barriers to effective communication with help of examples.