

HOLIDAY HOMEWORK

ENGLISH

- 1) Revise all the lessons that have been taught so far.
- 2) Learn any three new recipes and describe the process how you made them, on A4 sheet.
- 3) Talk to your grandfather / grandmother. Ask them to narrate some incident from their Childhood. Describe the incident in your own words. Also, compare how your childhood was different from theirs.
- 4) Write letter: -
 - A) Write a letter to Delhi Sports, Daryaganj, New Delhi, placing an order for sports articles like footballs, cricket balls, Tennis balls and cricket bats to be supplied to your school. Sign as Ravi/Raveena, Sports Secretary.
 - B) You are Rakesh/Sonia of Cambridge Senior Secondary School, Noida. Write a letter to the Sales Manager, Orient Blackstone, Noida, placing an order for some books for your school library.
- 5) Compose a poem based on nature and create rhyme scheme also.

HINDI

निम्नलिखित कार्य को करने के लिए सीट पेपर का उपयोग कीजिए।

1. भारत के समुद्र तटों और उसकी विशेषताओं पर एक परियोजना तैयार कीजिए।
2. तुलसीदास, सुमित्रानंदन पंत अथवा मुंशी प्रेमचंद में से किसी के व्यक्तित्व पर लगभग 150 शब्दों में एक परियोजना तैयार कीजिए।
3. आपके क्षेत्र में चारों ओर गंदगी फैली रहती है, इसकी शिकायत करते हुए जल अधिकारी को पत्र द्वारा सूचित कीजिए।
4. किसी प्रसिद्ध कंपनी की लग्जरी कार के लिए 100 शब्दों में विज्ञापन तैयार कीजिए।

MATHS

- 1.Revision of all the chapters (1 to 6)
2. 20 -20 question from each chapter in which 10 questions should be objective and 10 questions should be subjective.

BIOLOGY

- Q1: In human alimentary canal, name the site of complete digestion of various components of food. Explain the process of digestion?
- Q2: List in tabular form, three differences between arteries and veins.
- Q3 : List the three kinds of blood vessels of human circulatory system and write their functions in tabular form.
- Q4: How opening and closing of stomata takes place?
- Q5: Draw a diagram of the front view of human heart and label any six parts including at least two that are concerned with arterial blood supply to the heart muscles.
- Q6: Describe in brief the function of kidneys, ureters, urinary bladder and urethra.
- Q7: Explain the process of breakdown of glucose in a cell
- (i) in the presence of oxygen,
 - (ii) in the absence of oxygen.
- Q8: Label any 4 parts in the given diagram.
- (h) What are the two functions represented in this diagram?

CHEMISTRY

1. Write and learn the formula and name of 10 acids and 10 bases .
2. Learn and write the reactivity series of elements.
3. what is the effect of oxidation in our day today life .
4. Write the chemical formula of washing soda and baking soda. Which one of these two is an ingredient of antacids? How does it provide relief in stomachache?
5. Why does 1 M HCL solutions have a higher concentration of H^+ ions than 1M CH_3COOH solution?
6. (a) Show the formation of NaCl from sodium and chlorine atoms by the transfer of electrons.
(b) Why sodium chloride has a high melting point?
(c) Name the anode and cathode used in electrolytic refining of impure copper metal.
7. Show the electronic transfers in the formation of $MgCl_2$ from its elements.
8. Give reasons for the following: (i) Aluminium oxide is considered as an amphoteric oxide.
(ii) Ionic compounds conduct electricity in molten state.

PHYSICS

- Q1. Find the focal length of a lens of power -2.0 D. What type of lens is this?
- Q2. An object of size 7.0 cm is placed at 27 cm in front of a concave mirror of focal length 18 cm. At what distance from the mirror should a screen be placed so that a sharply focused image can be obtained? Find the size and nature of the image.
- Q3. A concave lens of focal length 15 cm forms an image 10 cm from the lens. How far is the object placed from the lens? Draw the ray diagram.
- Q4. Explain reflection and refraction with its law's.
- Q5. What is meant by power of accommodation of the eye?
- Q6. What is the far point and near point of the human eye with normal vision?
- Q7. The far point of a myopic person is 80 cm in front of the eye. What is the nature and power of the lens required to correct the problem?
- Q8. Make a diagram to show how hypermetropia is corrected. The near point of a hypermetropic eye is 1 m. What is the power of the lens required to correct the defect ? Assume that the near point of the normal eye is 25 cm.

SOCIAL SCIENCE

Ques1: Learn and write the ethnic composition of Belgium and sri lanka.

Ques2: Write a note on unification of germany and unification of italy.

Ques 3: Learn and write the positive and negative impacts of multi river project.

Ques4: Write the formula and calculate your B.M.I.

Q5 Map skills

History

Mark the following points on the map Mark the following points on map

A place of jalliaawala massacre.

Place where gandhiji break the salt law

Satyagraha of kheda district

Place where khilafat committee formed

Congress, session in December 1920 where non corporation program was adopted.

GEOGRAPHY

Draw soil profile

A map of major soil types in india.

Famous chipboard movement.

Major wildlife sanctuaries and parks in india.

Major dams and rivers.