

Tender Heart High School, Sector 33-B, Chd.
HOLIDAY HOMEWORK (2024-25) Class VIII

English:

1. Read the beginning and complete the story – “One day, while going to school, I saw a puppy.....”(300 words)
2. Imagine that you are a Journalist and you have to interview a person known for his/her service to mankind. Frame a questionnaire for preparing yourself for the interview. (Questions may include – introduction, childhood, achievements, contribution to society etc.)
3. Books encourage one’s imagination. Write a Book Review of any one book.
 - (i) Write a short summary of that book and name the main characters in it.
 - (ii) Choose 10 interesting adverbs from the book and find their dictionary meaning.
 - (iii) Find one synonym and one antonym for all the 10 words.
 - (iv) Make meaningful sentences using any 10 words.

History&Civics

- 1 Very often old buildings have a story to tell. Find out from your parents/grandparents and identify any one old building/monument in your surroundings. Try to find information about its period of construction, architectural pattern, purpose of construction, material used, when and by whom it was built etc. Also write about who looks after those buildings now.
- 2 Make a list of all the public facilities in your locality provided by Municipality. Also suggest some public facilities required in your area.

Geography

1. On a map of India show the various earthquake zone areas. Prepare a detailed analysis of any one of the major earthquake that has occurred in past (3 pages). Also write about the causes and mitigation measures in case of earthquake (2 pages).
2. Take a political map of India. Mark the following National parks and wildlife sanctuaries on it.

National parks

1. Bandipur National Park, Karnataka
2. Dachigam National Park, Jammu and Kashmir
3. Dudhwa National Park, Uttar Pradesh
4. Gir Forest National Park, Gujarat
5. Guindy National Park, Tamil Nadu
6. Jaldapara National Park, West Bengal
7. Jim Corbett National Park, Uttarakhand
8. Kaziranga National Park, Assam
9. Keoladeo National Park, Rajasthan
10. Kanha National Park, Madhya Pradesh

Sanctuaries

- Kanji Wildlife Sanctuary, Jammu and Kashmir
 Pong Dam Sanctuary, Himachal Pradesh
 Gandhi Sagar Sanctuary, Madhya Pradesh
 Kane Wildlife Sanctuary Arunachal Pradesh
 Chilika Bird Sanctuary, Odisha
 Askot Musk Deer Sanctuary, Uttarakhand
 Okhla Bird Sanctuary, Uttar Pradesh
 Pocharam Forest & Wildlife Sanctuary, Telangana
 Krishna Wildlife Sanctuary, Andhra Pradesh
 Gautam Budha Wildlife Sanctuary, Bihar

Identify the top 3 states which have maximum protected areas. Also write down 5 differences each between National Parks and Wildlife Sanctuaries.

Biology

- 1 Collect 5 different types of flowers. Dissect the flowers to take out its floral parts.

S.No.	Name of Flower	Bisexual/Unisexual	Colour of petals	No. of petals	No of Sepals	No. of stamens

Find out modification, if any, present in flower e.g. Petaloid, Sepaloid. Gemo or Poly Sepalous, Gamo or Poly petalous, etc. Find out why the petals are coloured and the anther appear yellow. Record in your notebooks.

2. Gather information on the different 'Blood Groups'. Write the different types of Blood Groups. Which one is universal donor? Which is universal acceptor? What does 'positive' and 'negative' stand for with regard to blood groups? Write the blood group of all your family members.

Maths

1. Note down temperature for two weeks (14 days) of your place of stay and then depict the data on a linear graph. Then find out the hottest and the coolest day of the time period. Find out the average temperature of each week.
2. Write about the discovery/origin of π (pi). Write about the uses of π and why it is a unique number. Write at least six mathematical formulae that have quotient of π (eg. Diameter of a Circle = $2 \pi r$) Do you know that the decimals of π are never ending? i.e. they go till infinity and no pattern of decimals is ever repeated. Write minimum 50 decimal place values of π after the integer.
3. Take a dice. Throw it 60 times and note the outcomes in your notebook for the same. Represent the obtained data using:(i) A Frequency Distribution Table (ii) a Bar Graph (iii) a Pie Chart.
5. Note down the age of all the members in your family and determine the following-
(a) Who is the eldest member in the family? By what % age is this member elder to you? (b) Who is the youngest member in the family? By what % age is this member younger to the eldest? (c) What is the average value of age in your family?

Chemistry

1. Take turmeric powder. Mix it with water. Take a filter paper and soak it in the paste. Let it dry. Cut the paper into its two pieces. Put one piece in citric acid solution and one in baking soda solution. Note the change in colours. Conclude your observation in the copy.
2. Why is the use of LPG as a fuel favoured over other fuels in kitchen? What precautions do your family members take during the use of the cooking gas? If any leakage occurs, what steps should one take? Also design the blue print of your kitchen with all ventilation systems. Find out from your mother or any elder at home for how many days your LPG cylinder lasts. What practices may be adopted in cooking to reduce the consumption of LPG? Also find out how to check the expiry date of LPG cylinder.

Physics:

- 1 The Building of PEDDA (Punjab Energy Development Agency) Sec 33 D, Chandigarh is the best example of 'Green Buildings' towards environment friendly techniques. Write some 750 words on - 'Green buildings'.(Concept of 'Green building', how such buildings help in saving resources, their benefits, limitations if any).
2. State Newtons three Laws of Motion giving 2 examples each from your daily life.

Punjabi:

ਪੰਜਾਬ ਦੀਆਂ ਕਿਸੇ ਪੰਜ ਖੇਡਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਇਕੱਠੀ ਕਰਕੇ ਦਸ-ਦਸ ਸਤਰਾਂ ਲਿਖੋ ਜਿਵੇਂ ਕਿ ਕੱਬਡੀ, ਗੁੱਲੀ-ਡੰਡਾ, ਹਾਕੀ, ਕਿੱਕਲੀ ਅਤੇ ਘੋੜ-ਦੋੜ ਆਦਿ ।

Hindi:

1. "जल न होता तो जीवन कैसे चलता?" विषय पर अपने विचार व्यक्त करते हुए जल की उपयोगिता और 'जल संरक्षण' की विधियों को 300 शब्दों में लिखिए।
2. "ग्रामीण और शहरी वातावरण, रहन सहन, बोल-चाल, कार्य-कलाप आदि में क्या अंतर है? आपको कौन-सा वातावरण भाता है?" विषय पर 350 शब्दों में अपने भाव व्यक्त कीजिए।
3. नदी के परोपकारी स्वभाव को ध्यान में रखते हुए स्वयं रचित कविता लिखिए।