

**PRAYAG PUBLIC SCHOOL**  
**Summer Vacation Homework (2024-25)**  
**Class – 8<sup>th</sup>**

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**Computer**

- Q1. Write down the advantages of computer networks.  
Q2. Explain any three network topologies.  
Q3. What is database management system? Write the advantages of DBMS.  
Q4. Differentiate between wired and wireless medium.  
Q5. How can you create a blank database in MS access?  
Q6. Define the terms:  
a. DBMS. b. Network topologies. c. Computer architecture. d. Peer - to - Peer architecture.  
Q7. Draw the figure of "local area network" on the chart paper and write about the local area network.

**English.**

**English Language**

**1) Letter- Writing**

- a) You are Raman studying in the Public School of Mumbai. The road leading to your school is full of potholes and also congested. Most of the working-class people are staying in this locality. They are very often stuck in traffic jams. The Government has not taken any action till now for road construction. Write a letter to the Editor of 'The Times of India' drawing the attention of the Govt to the issue faced by the people, requesting them for road construction.  
b) You are Arun/Aruna Verma, living at 147, Sector 10, Rohini, New Delhi. You are deeply troubled by the discrimination practised against the girl child even in urban areas, among well educated, prosperous families. The discrimination can be seen most blatantly in matters of food and nutrition, health care, education, allowances, work at home and freedom. Write a letter to the Editor of a national newspaper, strongly condemning such practices.

**2) Story- Writing**

- a) Read the given line and complete the story in 80 to 100 words. Give a suitable title to your story.  
Last Sunday, I was watching TV. Suddenly I heard people shouting outside.....

**3) TENSE (activity)**

- \*\* As you all are aware of "Tense" that it tells the time of any action, in the very same manner you have to:-  
Write down atleast "15 Sentences on each 4 sub-parts" based on "Present Tense and Past Tense" (by watching the "Activities or Actions" at your home or near by your surroundings)on your own.

**English Literature**

- a) Learn all the word-meanings, Question and answers, extra or short question and answers, Exercises of lesson-1- The best Christmas present and of poem- The ant and the cricket.  
b) Learn and Write down all the back/Short/Extra question and answers of both lesson-1 and of Poem in your homework copy.

**Mathematics**

- Q1. Learn and write square 2 to 20.  
Q2. Represent  $\frac{3}{5}$ ,  $-\frac{7}{3}$ ,  $\frac{2}{7}$ ,  $\frac{9}{4}$ ,  $\sqrt{\frac{81}{144}}$  on number line.  
Q3. Learn and write cubes 2 to 20  
Q3. Write biography of five Indian Mathematician on chart paper & paste their picture also.  
Q4. Solve all the worksheet of chapter -2  
Q5. Draw different 2D and 3D shapes write formula to calculate area (Square , Rectangle, Circle , Cube , Cuboid Cylinder) (Solve 2 ques. From each).

**Hindi**

- प्रश्न-1** आपके विचार से यदि बस सजीव होता तो अपने पीड़ा को कैसे व्यक्त करता ?बस की यात्रा पाठ के आधार पर लिखिए।  
**प्रश्न-2** हिस्सेदार साहब ने लेखक की शंका का निवारण करने के लिए क्या किया?  
**प्रश्न 3**-आधुनिक युग में रहन-सहन, खान-पान एवं कपड़ों में बदलाव होता जा रहा है। इस बदलाव के पक्ष-विपक्ष में संवाद लिखिए।  
**प्रश्न-4** वस्तु विनिमय क्या है ?विनिमय की प्रचलित पद्धति क्या है?  
**प्रश्न-5** लाख की वस्तुओं का निर्माण भारत के किन-किन राज्यों में होता है ?लाख से चूड़ियों के अतिरिक्त क्या-क्या चीजें बनती है ? ज्ञात करके लिखिए।  
**प्रश्न-6** आपको छुट्टियों में किसके घर जाना सबसे अच्छा लगता है ?वहाँ की दिनचर्या कैसे होती है ?एक अनुच्छेद लिखिए।  
**प्रश्न-7** मशीनी युग में अनेक परिवर्तन आए दिन होते रहते हैं। आप अपने आस-पास से इस प्रकार के किसी परिवर्तन का उदाहरण चुनिए और उसके बारे में लिखिए।

**प्रश्न-8** आपने मेले-बाजार आदि में हाथ से बनी चीजों को बिकते देखा होगा। आपके मन में किसी चीज को बनाने की कला सीखने की इच्छा हुई हो और आपने कोई कारीगरी सीखने का प्रयास किया हो तो उसके विषय में लिखिए।

**प्रश्न-9** भाषा किसे कहते हैं ? भाषा के प्रकार उदाहरण सहित स्पष्ट कीजिए।

**प्रश्न-10** राजभाषा किसे कहते हैं ? हमारी राजभाषा क्या है?

**प्रश्न-11** स्वर एवं व्यंजन को उदाहरण सहित स्पष्ट कीजिए।

**प्रश्न-12** स्पर्श एवं ऊष्म व्यंजन को उदाहरण सहित स्पष्ट कीजिए।

**रचनात्मक कार्य –**

हिन्दी वर्णमाला का वर्गीकरण चार्ट पेपर पर बनाइए जिसमें स्वर एवं स्वर के भेद तथा व्यंजन एवं व्यंजन के सभी भेद को लिखिए।

## संस्कृत

1. प्रार्थना पाठ के श्लोकों को याद कीजिए और लिखिए।
2. प्रार्थना पाठ के श्लोकों का हिंदी अनुवाद कीजिए।
3. ' 3 पुनर्मूषको भव ' पाठ सारांश हिंदी में लिखिए।
4. संस्कृत में एक से पचास तक गिनती लिखिए।
5. दस-दस फल एवं सब्जियों के चित्र चार्ट पेपर पर बनाकर उसका नाम संस्कृत एवं हिंदी में लिखिए।
6. कारक चिन्ह और कारक का नाम लिखिए और याद कीजिए।
7. बालक 'शब्द का रूप लिखिए और याद कीजिए।
8. पठ् पढ़ना (धातु रूप लट् लकार और लङ् लकार याद कीजिए और लिखिए।

## Social Studies

1. Define the given key terms (2 times) and learn it :  
Arbitrary , Consensus , Sovereign , Resources , Human resources , Utility , Inscription , Princely state , Colonisation , Constitution , Democracy .
2. Draw the classification of resources on a chart paper . Draw or paste some suitable examples of each .
3. If you have an opportunity to form a new constitution for you , which types of rules you want to insert or write in it .
4. Imagine that you are a nawab's nephew and have been brought up thinking that you will one day be King. Now you find that this will not be allowed by the British because the new Doctrine of Lapse. What will be your feeling ? What will you plan to do so that you can inherit the crown ?
5. Draw a flow chart of Indian Constitution on chart paper .
6. Make a file on fundamental rights and duties .
7. Write the summary of understanding secularism (Chapter - 2 , Civics) , Trade to territory .
8. On the political map of India mark the areas under British rule in 1857 .

## Science

- Q1. Describe all steps of agricultural practices and explain each steps in brief .
  - Q2. Draw a suitable diagram of nitrogen cycle on the plane paper sheet (A4) .
  - Q3. Mark all possible hard words / Scientific words from the chapter -11 (Force and pressure) .  
Write their meanings also . kindly use pencil only.
  - Q4. Mark all hard words from chapter -1 and chapter-2 ( Microorganisms : Friend and foe ) and write their meanings also .  
Kindly use pencil only for highlighting .
  - Q5. Make your own vermicomposting project ( Material required –Bucket or a thick plastic bag.
  - Q6. Soak the seeds of green gram , wheat maize and tamarind . After they become tender , try to split the Seeds. Name which would split , which would not and identify them according to the Characteristics. Paste Pictures.
  - Q7. What do you mean by deforestation? Write the consequences of deforestation.
  - Q8. Write and learn the name of five disease caused by (a) Fungi (b) Bacteria (c) Viruses
- Note: Prepare a project / Model / Activity file / power point presentation from the syllabus of first Term of your Science book.