

# PUBLIC SCHOOL DARBHANGA

Summer Vacation Assignment : 2022

Class : X,

## Subject : Social Science

1. Write the features of the constitution of Belgium.
2. Make the project on the biography & constitutions of Nepolian Bonapart.
3. Draw a map of India & show the major soil groups of India.?
4. Different people have different developmental goals. Elaborate ?

## Subject : Science

1. Draw refraction of light through glass slab on chart paper.
2. Draw diagram of different types of Lens on chart paper.
1. Write the observation and conclusion of all activities of chemical reaction and equations (Chapter – 1) on stick file.
2. Revise all NCERT (Text Book and example) question – Answers of taught chapter.
1. Draw a neat, clean and labelled diagram of digestive system of human on chart paper.
2. Write detailed explanation of cyclic and non cyclic photo-phosphorylation of photo-chemical reaction of the photosynthesis through neat, clean coloured clear sparkling diagram.
3. Fair copy of nutrition (Complete with Question-answer).

## Subject : Hindi

1. महादेवी वर्मा और सुभद्रा कुमारी चौहान के व्यक्तित्व और कृतित्व पर 500–500 शब्दों में लिखें।
2. विज्ञान वरदान या अभिशाप' और नारी सशक्तिकरण' विषय पर 500–500 शब्दों में निबन्ध लिखें।

## Subject : English

1. Write and describe all the literacy device used in every chapter and poetry.
2. You are manish/Manisha, a resident of D-34, Sagar Vihar Dwarka, New Delhi, Open man holes in your colony have become a source of danger for the pedestrians and vehicle owners. Write a letter to the Municipal Commissioner complaining about this problem.
3. Write an article for your school magazine on the topic 'Vocational Education – The need of the hour'
4. Using the given hint write an interesting story about 180 to 200 words :-  
Dark night – Quiet Jungle – Sound of the footsteps – followed foot prints trail – reached lonely house – hidden among dense trees – opened the door entered – shocked to see .....

## Subject : Mathematics

1. Write the uses of trigonometry.
2. Prove the Thale's theorem and its converse also.
3. Show the different types of graphs for  
(i)  $\frac{a1}{a2} = \frac{b1}{b2} = \frac{c1}{c2}$       (ii)  $\frac{a1}{a2} \neq \frac{b1}{b2}$       (iii)  $\frac{a1}{a2} = \frac{b1}{b2} \neq \frac{c1}{c2}$
4. Write the life history of Ramanujans and his contribution in Math.

**Subject : Sanskrit**

1. अध्याय – 01 के सभी श्लोकों का अर्थ भावार्थ सहित अन्वय लिखें।
2. अध्याय – 02 का हिन्दी में सारंश लिखें।
3. निम्न का संस्कृत लिखें।
  - (i) 6 : 30 .....
  - (ii) 8 : 45 .....
  - (iii) 9 : 00 .....
  - (iv) 10 : 20 .....
  - (v) 10 : 35 .....
  - (vi) 11 : 15 .....
  - (vii) 11 : 40 .....
  - (viii) 12 : 05 .....
  - (ix) 12 : 20 .....
  - (x) 12 : 45 .....
4. लता, मुनि, अस्मद् और युष्मद् का शब्दरूप लिखें।
5. पठ्, गम्, हँस, लिख् धातु का रूप पाँचों लकारों में लिखें।
  - (i) रमेश कल पटना जाएगा।
  - (ii) मैं कलम से लिखता हूँ।
  - (iii) मुझे दही अच्छी लगती है।
  - (iv) राम के साथ सीता वन गई।
  - (v) पेड़ से पत्ते गिरते हैं।
  - (vi) मैं राम को देखता हूँ।