

**DELHI PUBLIC SCHOOL NAGBANI, JAMMU-(WEST)**

**CBSE CODE:-730095**

**SESSION:-2023-2024**

**SUMMER HOLIDAYS HOMEWORK**

**CLASS:-X**

**Subject- English**

1. English Individual activity.

A. Role Play

Read the autobiography of Nelson Mandela

Pick a situation from his life that has inspired you the most.

Now, write down dialogues for a role play that you will present after your vacation.

Only original work shall be marked.

2. Group Activity

Students with the below mentioned roll numbers need to collaborate and work upon the following question.

Group Roll number

- A. 1-6
- B. 7-12
- C. 13-18
- D. 19-24
- E. 25-32

Group A: Poem Writing

Read the poem the tale of custard the Dragon. On the basis of your reading of the Poem, write your own poem but in the form of a ballad.

You may choose your own idea, theme and build up a story for the same.

You must incorporate at least for poetic device to enrich your piece of art. You may use refrain (single or two lines repeated often).

### Group B: Advertising Making

Read the chapter Glimpses of India.

On the basis of your reading design an advertisement. Imagine that you are the sales executive of a famous tea company and you have been to draft an advertisement for the product.

You can draw pictures or add photographs of your choice to make it colorful.

Remember to be as creative as you can be.

### Group C: Poster Making

Make a poster portraying your thoughts and points of view on:-

“Love for freedom is the natural instinct of every living being.” You may read Leslie Norris’s A Tiger in the Zoo for your reference.

### Group D: Book jacket Making

Ever wanted to become publisher? Here’s a chance to become one. Grate a book jacket for your favorite book for the latest one you he read and thought it could be represented better.

Remember that it comprises of a clear title and author name, a graphic design that reflects the books themes, a summary of the plot without giving away the ending, a review (opinion) about the book.

### Group E:

1. Prepare a newspaper of at least 10 pages with the columns as mentioned below:

Title page

News from the city

Nation

Editorial page

OPED (opinion of Educationists)

Jobs and careers.

Entertainment.

Children’s corner

Last page.

Instruction: Use half chart to make one page.

Note: In all the group activities, names of all the students should be mentioned who have worked the Activity.

## Hindi

मनुष्यता / मानवता क्या है? – पता लगाएँ कि रंतिदेव, दधीचि, उशीनर व वीर कर्ण कौन थे? इन्होंने कौन-से महान कार्य किए? चित्र सहित परियोजना तैयार करें।

(सहायता के लिए अपनी पाठ्यपुस्तक का पाठ मनुष्यता को पढ़ें।)

वज़ीर अली (सच्चा देशभक्त व जाँबाज़ सिपाही) की जीवनी पढ़कर पता लगाएं कि क्यों उन्हें जाँबाज़ सिपाही की संज्ञा दी गई है? किस प्रकार उन्होंने अंग्रेजों को परेशान किया? चित्र सहित पी.पी.टी बनाएं।

(सहायता के लिए अपनी पाठ्यपुस्तक का पाठ 'कारतूस' को पढ़ें।)

3. व्याकरण के विषय समास व पदबंध के प्रत्येक भेद के 15-15 उदाहरण लिखें।
4. पर्यावरण के बचाव में आप किस तरह सहायता कर सकते हैं- चित्र सहित लघुकथा लिखें।
5. भक्तिकाल के किन्हीं पाँच कवियों के जीवन पर आधारित परियोजना तैयार कीजिए।
6. किन्हीं पाँच औपचारिक पत्रों को लिखें।
7. " मेरा भारत, मेरी धरोहर – चित्र सहित अनुच्छेद

संकेत बिंदु –

\* प्राचीन भार

\* स्वतंत्रता पूर्व भारत

\*आधुनिक भारत (विकास, तकनीकी, आविष्कार, विश्व में भारत का स्थान)

## گرمی کی چھٹیوں کا کام

جماعت :- دسویں

1- میر تقی میر کی غزل ہستی اپنی حباب کی سی ہے کہ اشعار کی تشریح کریں اور اپنی کاپی پر لکھیں۔

2:- میر تقی میر اور منشی پریم چند کے حالات زندگی پر نوٹ لکھیں اور یاد کریں۔

3:- نیچے لکھے لفظوں سے جملے بنائے۔

سلطنت، فوج، پہریدار، تدبیر، قصور، صحت، آلودگی، جراثیم۔

4:- نیچے لکھے ہوئے محاوروں کو جملوں میں استعمال کیجئے۔

(۱) پاؤں اکھڑنا

(۲) قول دینا

(۳) دل بھر آنا

(۴) ڈھارس بندھنا

(۵) پھولے نہ سمانا

5:- واحد کے جمع اور جمع کے واحد بنائیں۔

مدد، ملک، سفر، افواج، تدابیر، مکان، حروف، افسر، چادر، سبزی، خط۔

6:- متضاد الفاظ لکھیں۔

نزدیک، شکست، موجود، تیز، پختہ، شہر، سچائی، بہادر، دشمن، قید، محبت۔

7:- مذکر کے مونث بنائے۔

بادشاہ، مالی، استاد، محترم، خادم، پنجابی، مرد۔

8:- مضمون ہندوستان میں "بے روزگاری کا مسئلہ" پر نوٹ لکھیں۔

ہدایت :- یہ سارا کام الگ کاپی پر صاف صاف لکھیں۔

## Mathematics

Compare the cultivation of different types of crops of Gujarat and J&K. Find the probability of each crop. (Research and collect information for Art integrated project to be conducted later).

1. Write and learn tables 8 to 20 (write in your H.W. notebook)
2. Write and learn square roots (2 to 30)
3. Do 5-5 question of each chapter (1 to 3) from NCERT Exemplar.
4. Solve the following by factorization method and find the roots.

(i)  $5x^2 + 4x = 0$

(ii)  $x^2 - 18x + 77 = 0$

(iii)  $6x^2 - x - 2 = 0$

(iv)  $9x^2 + 6x + 1 = 0$

(v)  $6x^2 + x - 12 = 0$

(vi)  $3\sqrt{2}x^2 - 5x - \sqrt{2} = 0$

(vii)  $3x^2 + 5\sqrt{5}x - 10 = 0$

(viii)  $\sqrt{7}x^2 - 6x - 13\sqrt{7} = 0$

(ix)  $\sqrt{3}x^2 + 10x + 7\sqrt{3} = 0$

5. Prepare for test after vacation (First, 2nd and 3rd chapter).

## Science

### CHEMISTRY

Q1. Write the name of some (at least 10) Chemical compounds that you use in your day to day life. Classify them as acids, bases and salt.

Q.2 Collect detailed report on natural and manmade acids of UT jammu and kashmir and Gujarat. (Do research on the given topic which will be conducted later).

Q3. Write the chemical formula of the following compounds.

Lime

Nitric Acid

Plaster of Paris

Sodium acetate

Baking soda

Washing soda

Bleaching powder

King of Chemicals

Lime stone

Common Salt

Q4. Write the formula of acid and base used to form the given salt.

Potassium Sulphate

Zinc Chloride

Ammonium Chloride

Barium Sulphate

Q5. Write the name of acid present in the following.

Apple

Curd

Vinegar

Lemon

Orange

Bee Sting

Tamarind

Q6. Prepare a detailed report on Type of Chemical Reactions (20 each)

Happening in your daily life.

## **BIOLOGY**

Project file on any of the mentioned diseases such as cardiovascular diseases/AIDS/CANCER along with their signs, symptoms, causes, treatment and prevention

(You can do it either manually or digitally by making beautiful slides).

## PHYSICS

1. A young boy can adjust the power of his eye-lens between 50 D & 60 D. His far point is infinity.

(a) What is the distance of his retina from the eye-lens?

(b) What is his near point?

2. A person cannot see objects clearly beyond 50 cm. Find the power of the lens to correct the vision.

3. A myopic person having far point 80 cm uses spectacles of power  $-1.0$  D. How far can he see clearly?

4. A 52-year-old near-sighted person wears eye glass of power of  $-5.5$ D for distance viewing. His

doctor prescribes a correction of  $+1.5$ D in the near-vision section of his bi-focals this measured relative to the main parts of the lens

(i) What is the focal length of his distance viewing part of the lens.

(ii) What is the focal length of the near vision section of the lens

5. short-sighted person cannot see clearly beyond 2 m. Calculate the power of less required to correct his vision.

6. A person is able to see objects clearly only when these are lying at distance between 50 cm and 300 cm from his eye.

(i) What kind of defect of vision he is suffering from ?

7. A 14-years old student is not able to see clearly to question written on a black board placed at a distance of 5 m from him.

(a) Name the defect of vision he is suffering from. Name the type of lens used to correct this defect.

(c) State two causes of this defect

8. A person suffering from far – sightedness wears a spectacle having a convex lens of focal length 50 cm. What is the distance of the near point of his eye?

9. Write down all the practical of physics in your practical note book.

Roller leaf: Experiment, Apparatus, Procedure/ Method.

Inter leaf: Experiment, Observation table, Result

### **Social Studies**

Every student has to undertake any one project on the following topics:-

Consumer Awareness or Social Issues (Discrimination, health care, economic inequality, education, violence, crime, racial discrimination, technology, climate change, poor leadership etc) (anyone)

or

sustainable development

Important Instructions:-

- (a) Different forms of art may be integrated in the project work.
- (b) The projects prepared should be made from eco friendly products without incurring too much expenditure
- (c) Report should be handwritten/digital

**G20 summit 2023:- India to host 3rd T20 tourism working group meetings in Kashmir prepare a news report on an A4 size sheet**





