

KV NO-2 DELHI CANTT-SHIFT-II

शीतकालीन अवकाश गृहकार्य

कक्षा - छठी से बारहवीं

विषय - हिंदी

कक्षा - छठी

1. अनुच्छेद लेखन(किसी दो विषय पर) -

- 1- मोबाइल फोन 2- दीपावली
- 3- बढ़ती मंहगाई 4- कोरोना से बचाव

2. पत्र लेखन :-

- 1- ऐतिहासिक स्थलों के भ्रमण की अनुमति माँगते हुए प्राचार्य जी को प्रार्थना पत्र लिखिए - ।
- 2- अपने मित्र को परीक्षा में प्रथम आने पर बधाई पत्र लिखिए।

3. प्रश्नोत्तर :-

- 1)हेलन केलर प्रकृति की किन चीजों को छूकर और सुनकर पहचान लेती थी? पाठ को पढ़कर उत्तर लिखिए ।
- 2)माँ बच्चों के लिए क्या क्या काम करती है? तुम स्वयं सोचकर लिखो कि बच्चों को माँ के लिए क्याक्या करना चाहिए-?
- 3)दुनिया का पुराना हाल किन चीजों से जाना जाता है? कुछ चीजों के नाम चित्र सहित लिखो ।
- 4) लगभग हर जगह दुनिया की शुरुआत को समझाती हुई कहानियाँ प्रचलित हैं ।तुम्हारे यहाँ कौन-सी कहानी प्रचलित है लिखो ।

कक्षा - सातवीं

1. हिंदी के महीनों के नाम लिखिए।

2. किन विशेषताओं के कारण हॉकी को राष्ट्रीय-खेल माना जाता है,लिखिए।

3. स्वाधीनता संग्राम के दिनों में अनेक कवियों ने स्वाधीनता को मुखर करने वाली ओज पूर्ण कविताएं लिखीं। आप माखन लाल चतुर्वेदी, मैथिली शरण गुप्त और सूर्यकांत त्रिपाठी निराला की ऐसी चार - चार कविताओं को लिखिए।

4. किन्हीं दो विज्ञापनों को इकट्ठा कीजिए जो हाल ही के ठंडे पेय पदार्थों से जुड़े हुए हैं।

5. नीचे दिए गए स्थानों की सुबह कैसी होती है, चित्र के माध्यम से प्रस्तुत कीजिए।

क. आपके घर की

ख. रेलवे प्लेटफॉर्म पर

ग. नदी या समुद्र के किनारे पर

घ. पहाड़ों पर

कक्षा-आठवीं

1. आत्मनिर्भरता का महत्व विषय पर एक अनुच्छेद लिखे।

2. अनुप्रास, उपमा, यमक अतिशयोक्ति अलंकार के दोदो उदाहरण लिखिये।-

3. सूर के पद पाठ के आधार पर श्रीकृष्ण के बचपन के बारे में लिखिये।

4. नयी समस्याएं पाठ से (भारत की खोज) 10 प्रश्नोत्तर लिखिये।

5. अकबरी लोटा पाठ के आधार पर मुगल वंश के कुछ शासकों के बारे में लिखिये।

कक्षा-नवीं

1. निम्नलिखित विषयों पर अनुच्छेद लिखें

अ(विस्थापन के कारण और दुष्प्रभाव

ब(बाल मजदूरी

2. दो बालों की कथा और ल्हासा की ओर पाठ को लघुकथाओं के रूप में लिखें।

3. पराधीन भारत के प्रमुख जेलों पर चित्र सहित एक प्रोजेक्ट तैयार करें।

4. संवाद लेखन

अ(बाढ़ आने से कई गाँव जलमग्न हो गए हैं। दो मित्र उनकी सहायता के लिए जाना चाहते हैं। उनके बीच हुए संवाद का लेखन कीजिए।

ब(भारत और आस्ट्रेलिया के बीच खेले गए प्रथम एक दिवसीय मैच के संबंध में दो मित्रों की बातचीत का संवाद लेखन कीजिए।

कक्षा-दसवीं

1. निम्नलिखित विषयों पर अनुच्छेद लिखें

क(भारतीय संस्कृति

ख(बाल मजदूरी

ग(ऑनलाइन कक्षा के लाभ एवं हानि

2. कडेगू से बचाव पर एक विज्ञापन तैयार करें।(

खसरस्वती पुस्तक भंडार के लिए एक विज्ञापन तैयार (करें।

3. हिंदी महीनों के नाम लेखों।

4. गणतंत्र दिवस पर एक बधाई संदेश लिखें।

5. अपने क्षेत्र के जल विभाग को पीने के पानी की समस्या को लेकर एक पत्र लिखें।

6. 'साना साना हाथ जोड़ि' पाठ के आधार पर सिक्किम के प्राकृतिक सौंदर्य का सचित्र वर्णन करें।

कक्षा-ग्यारहवीं

1. पढ़ाए गए समस्त पाठों का अभ्यास करें ।

2. टर्म-2 के पाठ्यक्रम का अभ्यास करें ।

3. अपठित गद्यांश-पद्यांश का अभ्यास करें ।

4. अभिव्यक्ति और माध्यम के टर्म-2 के लिए निर्धारित पाठों का अभ्यास करें ।

5. दीक्षा पोर्टल के प्रेक्टिस आइटम ।

कक्षा - बारहवीं

1. पढाए गए समस्त पाठों का अभ्यास करें ।
2. टर्म-2 के पाठ्यक्रम का अभ्यास करें ।
3. अपठित गद्यांश-पद्यांश का अभ्यास करें ।
4. अभिव्यक्ति और माध्यम के टर्म-2 के लिए निर्धारित पाठों का अभ्यास करें ।
5. दीक्षा पोर्टल के प्रेक्टिस आइटम ।

शीतकालीन गृहकार्य (2021-22)

कक्षा 6

संस्कृतम्

1. पाठ(9) क्रिडास्पर्धा से (11)पुष्पोत्सवः तक सभी अध्यायों के अभ्यास कार्य पूरा करके याद करना है।
2. निम्न शब्दों को बहुवचन में परिवर्तित करें।
सः, त्वम्, अहम् , सा ,युवाम् ,आवाम् ,बालकः ,बालिका, तत्, मम्, एषा, सीता, क्षेत्रे, मन्दिरे,
स्थलयोः।
3. निम्न शब्दों के पर्यायवाची लिखे।
वसनानि, सूर्य, तृषा, विपुलम्, जीर्णम्, धरित्री।
4. निम्न शब्दों के विलोम पद लिखो।
धनिकम्, नीरसा ,अक्षमम्, दुखम् ,शीते, पाशर्वे
5. सार्थक वाक्य रचना करें।

वानराः	वनेषु	तरन्ति
सिंहाः	वृक्षेषु	नृत्यन्ति

मयूराः	जले	उत्पतन्ति
मतस्याः	आकाशे	गर्जन्ति
खगाः	उद्याने	कुर्दन्ति

6 शब्द रूप "पुष्प" "मुनि" का लिखकर याद करें।

7 धातु रूप - "गम्" धातु का (लट्, लृट्, लङ् ,लोट् लकार)

शीतकालीन गृहकार्य(2021-22)

कक्षा 7

संस्कृतम्

1. पाठ 9 "अहम् अपि विधालयं गमिष्यामि" से पाठ 11 "समवायोः हि दुर्जयः" तक अभ्यास कार्य करके याद करे।
2. संख्यावाचक शब्द 1-50 तक संस्कृत में लिखकर याद करें।
3. निम्न शब्दों के विलोम पद लिखें।
शत्रुतायाः, पुरा, मानवाः, उदारचरितानाम्, सुखिनः, अपहाय।
4. निम्न शब्दों के समानार्थक पद लिखे।
स्वकीयम्, अवरुद्धः, कुटुम्बकम्, अव्यस्य, अपहाय, समृद्धम्, कष्टम्, निखिले।
5. " समवायोः हि दुर्जयः " पाठ का सारांश हिन्दी में लिखे ।
6. तत्, किम् शब्दरूप के तीनों लिंगों में लिखकर याद कीजिए।

7. "दृश" धातुरूप के पांचों लकारों में लिखकर याद करें।

शीतकालीन गृहकार्य (2021-22)

कक्षा 8

संस्कृतम्

1. पाठ 9(सप्तभगिन्यः) से लेकर पाठ 11 (सावित्री बाईफुले) तक सभी अध्यायों के अभ्यास कार्य करके याद करना है।
2. निम्न शब्दों के तत्सम् रूप (संस्कृत) में लिखकर एक एक वाक्य की रचना करो-
सात, बाँस, बहिन, संगठन , आज, खेत ।
3. "नीतिनवनीतम्" अध्याय के कोई 3 श्लोकों का हिन्दी अनुवाद सहित लिखकर याद कीजिए।
4. "सावित्री बाईफुले" अध्याय में से अव्ययों को चुनकर लिखे।
5. निम्न शब्दों के लिङ्ग, विभक्ति, वचन लिखे-
धूलिम्, कन्यानां , अपरः, सहभागिता, नापितैः, नाम्नि।
6. मातृ, इदम् शब्दरूप को तीनों लिङ्गों में लिखकर याद करें।
7. संख्यावाचक शब्द 50-100 तक संस्कृत में लिखकर याद कीजिए।

ENGLISH HOLIDAY HOME WORK FOR WINTER VACATIONS

CLASS VI

1. Read all the lessons of TERM 2(October onwards)
2. Complete and submit all the pending work in Classroom.
3. Write some precautions to be followed during extreme cold weather.
4. Write adaptations of any two desert animals.(Their ways to survive in desert conditions)
5. List any 4 different vocations from your neighbourhood and the required skills for them.

CLASS VII

1. Make a small dictionary of 50 words choosing difficult words by reading the following lessons:
 - (a) Chandni
 - (b) The Invention of Vita-Wonk
 - (c) Fire: Friend and Foe
 - (d) Dad and the Cat and the Tree
2. Read an English newspaper and make a collection of 10 news items you liked best. Paste them in your notebook.
3. Mother is the person in our life who makes more and more sacrifices to make us feel comfortable and make our life better. She takes care of us. Write a beautiful poem on 'My Mother'.
4. Write 5 sentences of each of the following tenses: (a) Simple Present Tense (b) Present Continuous Tense (c) Present Perfect Tense (d) Simple Past Tense (e) Past Continuous Tense (f) Simple Future Tense

CLASS VIII

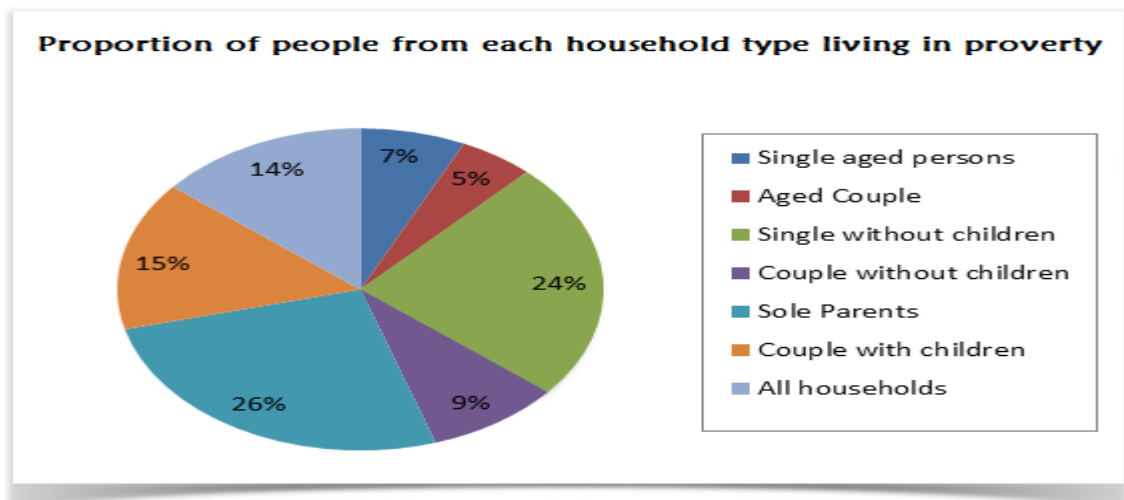
1. Read newspapers daily and find the social issues addressed there and write a letter to the Editor of a national daily on any issue that needs attention.
2. Share your holidays with us. Write a diary entry for a week during your holidays. You can supplement it with photographs. Submit at least 5 entries.
3. Complete your Multi Disciplinary Project and submit it.
4. Make a collage of the flora and fauna (Plants, birds and animals) mentioned in Chapter-8, 'A Short Monsoon Diary'.
5. Revise all the chapters taught from October to December for P.T.2.

CLASS IX

1. Read the newspaper daily and write only one news article under the given headings like national, international, sports, glamour, business and express your views on it.
2. You encountered two strange people. They were different from normal human beings but they were quite interesting and exciting. As Amit/Manisha, using your ideas, write a story in about 150-200 words narrating your experience with them.
3. Write a self composed poetry on the given topics with minimum 2 stanzas
 - A) Music
 - B) I am blessed
 - C) My school My pride
4. Practice all Grammar lessons taught in the class.
5. Revise all the chapters taught from October to December for Periodic Test 2.

CLASS X

1. Read the following lessons and write their summaries in your word in about 150-200 words:
 - (a) Madam Rides the Bus
 - (b) The Proposal
 - (c) The Necklace
 - (d) The Hack Driver
 - (e) Bholi
2. Read the following poems and write their main ideas:
 - (a) Animals
 - (b) The Tale of Custard the Dragon
3. You are Sakshi/Saksham, Hostel Warden, Radha Krishna Public School, Vrindavan, Uttar Pradesh. Write a letter to the Sales Manager, Bharat Electronics and Domestic Appliances Ltd., New Delhi, placing an order for fans, microwaves, ovens and geysers that you wish to purchase for the hostel. Also ask for discount permissible on the purchase.
4. **The pie chart shows the proportion of people from different households living in poverty in the UK in 2002. Write an analytical paragraph to describe the information in 100-120 words.**



CLASS XI

1. Revise all the literature topics covered(Term2) till now.
2. Complete all the worksheets assigned to you on the topics you have studied, in Google classroom.
3. Paste newspaper clippings of 10 classified column advertisements (all types) and rewrite the same in 50 words each in your notebook.
4. Write any 3 letters to the editor from the following-
 - Unhygienic condition in local hospitals

- Pollution control measures
- Smoking in public places
- Games and sports at school level
- Dumping of garbages
- Politics in educational institutions
- Misuse of internet

5. Create any 3 posters from the following-

- World Health Day
- World Environment Day
- World Food Day
- World Walking Day
- World Laughter Day

6. In the Writing Section Notebook, write the following in neat handwriting :

- Debate—for/against –"Private cars should be banned in the congested commercial areas of the cities"**
- Speech:** Your PGT English Ms Ria is a short story writer also. 'Sky is not Far' is a collection of her latest short stories. This book won a national award. Write a speech that you will deliver in her honour in the morning assembly in 150-200 words.

Hints for Holiday Homework

- **Debate Format**

Respected Principal, Teachers and dear friends, today I _____ (name of the debater) of class _____ am going to express my views in favour of/against the motion _____ (topic)

Suggested value Points:

For

- ✓ cars—biggest reason for congestion on the roads
- ✓ every individual owns a car—no place to park
- ✓ problem for pedestrians and emergency services like ambulance or fire brigades etc
- ✓ biggest cause of pollution/a health hazard

Against

- ✓ Not a long term solution for pollution or congestion
- ✓ commercial vehicles, not private cars responsible for pollution
- ✓ solution lies in looking for the real cause of congestion—mismanaged traffic, poor condition of roads, movement of commercial vehicles, non-operational traffic lights
- ✓ public transport services –poor

- **Speech Format**

Respected Principal Sir, Teachers and dear friends, today I _____ (name of the person giving speech) of class _____ am going to express my views on the topic _____.

For example in this question you could say...Today I ____am going to express my views in honour of the achievements of Ms Geetha who.....

Suggested value points:

- ✓ achievement of Ms Ria PGT English
- ✓ National Award for her book—*Sky is not Far*---say something about the book—content/theme, language and appeal
- ✓ Think of names of some other books she has written on different theme and talk about them
- ✓ her contribution to school literary society
- ✓ congratulate her on her achievement and praise her

Grammar Practice

Determiners are words that precede and modify nouns. They tell us how many or how much. Selecting the correct determiner depends on your understanding of the distinction between countable and uncountable nouns. They also show us whether a noun refers to a general or specific object, person, or place.

Determiners include:

- **Articles:** a, an, the
- **Possessives:** my, our, your, his, her, its, their
- **Demonstratives:** this, that, these, those
- **Number expressions:** another, many, some, several, few, little, most, enough, lot, plenty
- **Quantifiers:** much, either, first, etc.
- **Interrogatives:** what, which, etc.

Exercise on Determiners

A.Circle the correct answer:

- 1.Come here and do these/those sums.
- 2.Will you pass me that/the salt, please?
- 3.Do you need some/no help?
- 4.I don't need any/some help.
- 5.There is little/little tea in the pot. You may have it.
- 6.All/Every language is difficult.
- 7.There is any/some rice left in the fridge.
- 8.We haven't got more/enough petrol left to reach the next town.
- 9.Would you like some/little more sugar in your coffee?
10. I can write with both/either hand. See!

Exercise on Tenses

B.Fill in the blanks of the following sentences using the most appropriate word or words from among the options given below:

1. Everyday last week my aunt a plate.
(a) breaks (b) broke
(c) was breaking (d) were breaking

2. I know all about that film because I it twice.
 (a) saw (b) have seen
 (c) had seen (d) None
3. Our guests ; they are sitting in the garden.
 (a) arrived (b) have arrived
 (c) had arrived (d) has arrived
4. I him since we met a year ago.
 (a) didn't see (b) haven't seen
 (c) hadn't seen (d) None
5. We our breakfast half an hour ago.
 (a) finished (b) have finished
 (c) had finished (d) None

Reordering the sentences

C. Rearrange any four of the following in proper sequence to obtain a correct sentence.

- I.** a. its best
 b. is simply
 c. science
 d. the common sense at
 1. a b d c
 2. d b a c
 3. b c d a
 4. c b d a
- II.** a. She saw her opportunity
 b. to make amends
 c. when he came to her home
 d. to borrow some sugar.
 1. b c d a
 2. b c a d
 3. a d b c
 4. a b c d
- III.** a. I wanted to tell her
 b. not to talk to him
 c. not listen to me.
 d. but she would
 1. a b c d
 2. a b d c
 3. a d b c
 4. b c a d
- IV.** a. The CEO
 b. of making the right decision
 c. was not scared
 d. despite a loss in profits
 1. a b c d
 2. a b d c
 3. a c b d
 4. b c d a
- V.** a. She wondered if
 b. work hard for a living
 c. he would ever
 d. because he was so rich.

1. a b c d
2. a b d c
3. a c b d
4. b c d a

CLASS XII

1. Read and Solve 2 Comprehension Passages
2. Writing Section : Article on the topic - Role of Vehicles in pollution ,suggest alternatives/ remedies
3. Write an application for the post of C.A. in a company. Mention the reasons on the covering letter why the company should select you.
4. Write two invitations ,one formal and other informal.
5. Write a notice for classes 9- 12 inviting the students for a skill development course to be held in your school premises by a reputed firm .
6. Literature: Read and Attempt Questions from Ch.:- Indigo, The Rattrap .

Winter vacation home work(mathematics)

Class VI

WinterHolidayHomework ClassVIAtovIF

Subject-Maths

1. Learn Mathematical Tables from 1 to 20. 2. Solve all the questions from Exercise 10.1 to 10.2 (Mensuration). 3. Practice and Revise Exercise 10.3 in your notebook. 4. Practice and solve Exercise 11.1 - 11.2 in your notebook (Algebraic expressions) 5. Practice and solve Exercise 11.4 in your notebook.

CLASS VII

1. Learn mathematical tables from 1 to 20.
2. Learn square root and cube root from 1 to 10.
3. Complete your notebook.
4. Submit three mathematical photographs or objects from our day to day life with explanation.

CLASS VIII

Winter Holiday's Homework

Subject: Mathematics

Class: 8th

*** Algebraic Expressions and Identities**

- Ques. 1) (i) Add: $a - b + ab, b - c + bc, c - a + ac,$ (ii) Subtract: $4a - 7ab + 3b + 12$ from $12a - 9ab + 5b - 3.$
- Ques. 2) Obtain the product of: (i) $2, 4y, 8y^2, 16y^3$ (ii) $m, -mn, mnp$
- Ques. 3) Subtract: $3l(1 - 4m + 5n)$ from $4l(10n - 3m + 2l)$
- Ques. 4) Simplify: $3x(4x - 5) + 3$ and find its values for (i) $x = 3$ (ii) $x = \frac{1}{2}.$
- Ques. 5) Multiply: (i) $(2.5l - 0.5m)$ and $(2.5l + 0.5m)$ (ii) $(2pq + 3q^2)$ and $(3pq - 2q^2).$
- Ques. 6) Simplify: $(a + b)(c - d) + (a - d)(c - d) + 2(ac + bd)$
- Ques. 7) Show that: (i) $(9p - 5q)^2 + 180pq = (9p + 5q)^2$ (ii) $(4pq + 3q)^2 - (4pq - 3q)^2 = 48pq^2$
- Ques. 8) Using the identity $(x + a)(x + b) = x^2 + (a + b)x + ab$ to find: (i) 502×501 (ii) $95 \times 103.$

*** Visualising the Solid Shapes**

- Ques. 1) Draw a map of your class room using proper scale and symbols for different objects.
- Ques. 2) Draw a map of your school compound using proper scale and symbols for various features like playground, main building and garden etc.
- Ques. 3) Draw a map giving instructions to your friends so that she reaches your house without any difficulty.
- Ques. 4) Using Euler's formula find the unknown.

Faces	?	5	20
Vertices	6	?	12
Edges	12	9	?

*** Submit Three Good Quality Photographs showing Mathematical Concept from your day to day life. (Submit in Google Classroom Only)**

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CLASS IX

HOME WORK FOR WINTER BREAK: 2021-22

SUB –MATHEMATICS

CLASS-IX

- Revise (write & learn) Examples of chapters :
Polynomial, triangles , quadrilaterals , circles and constructions
- Learn and write table 2 to 25
- Complete and submit ur pending work in Google classroom.

CLASS X

HOME WORK FOR WINTER BREAK: 2021-22

SUB –MATHEMATICS

CLASS-X

- Revise (write & learn) chapters : Arithmetic Progression , Quadratic Equations , Application of trigonometry , Circles
- Link for case –study questions (Quadratic equations, Application of Trigonometry, Circles, Arithmetic Progressions)
https://docs.google.com/document/d/1UevSi1uoUHegB_G1hRQ45yOyG98BrI2P/edit?usp=sharing&oid=105636169676057173311&rtpof=true&sd=true
- https://drive.google.com/file/d/1x_2SJbM2wSdn0jgyf90b93nsryDDYHbx/view?usp=sharing
- https://drive.google.com/file/d/1_eA5LRPSvb7t_g74mwI3XZevL_FxTzKp/view?usp=sharing
https://drive.google.com/file/d/1_eA5LRPSvb7t_g74mwI3XZevL_FxTzKp/view?usp=sharing

CLASS XI MATHS

Winter Vacation Home Works

1. TRIGONOMETRIC FUNCTIONS

(i) Solve $\cos(x+y)=\cos x \cos y - \sin x \sin y$ geometrically.

(ii) EXE 3.2

Q.NO. 5,9,10

(iii) EXE 3.4

Q.NO. 14,20,24,25

(iv) MISC CHAPTER 3

Q.NO. 5,6,8,10

2. LINEAR INEQUALITIES

(i) RXE 6.1

Q.NO. 13, 15,24,25

(ii) EXE 6.2

Q.NO.5,6

(iii) EXE 6.3

Q.NO.13,14

3. Complete activity of term 2 (activity already given)

CLASS XI APPLIED MATHS

CLASS XI (APPLIED MATHS)

WINTER VACATION HOMEWORK

1. COMPLETE ACTIVITY (ALREADY GIVEN)

2. Complete chapter limits and derivative.

CLASS XII APPLIED MATHS

CLASS XII (APPLIED MATHS)

WINTER VACATION HOMEWORK

1. COMPLETE ACTIVITY (ALREADY GIVEN)

2. SOLVE (i) $\int e^{2\log x} x^{-3} dx$

(ii) $\int (\sqrt{3x} + \frac{1}{\sqrt{x}}) dx$

(iii) $\int \frac{(x+a)^2}{\sqrt{x}} dx$

(iv) $\int e^{2x+3} dx$

(v) $\int \frac{x}{2x-3} dx$

(vi) $\int \frac{x}{(x^2+1)^2} dx$

(vii) $\int \frac{2x+1}{(x+1)(x-2)} dx$

CLASS XII MATHS

1. COMPLETE ACTIVITY (ALREADY GIVEN)

2. Revise chapter integration(definite and indefinite integral)

Winter Holiday Homework Science

Class 6 Science holiday home work

1. Draw and explain water cycle and label it.
2. Write a note on water management and water conservation.
3. Write precautions while handling the magnets.
4. What safety measures should we take while using electric appliances?
5. How is groundwater recharged?
6. Write two activities to show the importance of air.

HOLIDAY HOMEWORK FOR WINTER VACATION

CLASS- 7

SUBJECT- Science

- 1 Write down the differences between asexual and sexual reproduction and also draw the diagrams
- 2 State the difference between uniform motion and non-uniform motion.
- 3 Explain how transport of water and mineral take place also draw the diagram
- 4 What do you mean by fertilization explain and draw the diagram .
- 5 Draw the symbols of electric Components
- 6 What is a simple Pendulum draw the diagram of wall clock
- 7 Draw the diagram of Sand clock
- 8 What is blood Write down its constituents
- 9 What do you mean by Heartbeat and pulse rate
- 10 What do you mean by Excretory System draw the diagram

KENDRIYA VIDYALAYA NO. 2 DELHI CANTT, 2ND SHIFT

WINTER BREAK HOLIDAY HOMEWORK

CLASS VIII: SCIENCE

- Q.1. List changes in the body that take place at puberty?
- Q.2. Prepare a Table having two columns depicting names of endocrine glands and hormones secreted by them?

Q.3. In the following situations identify the agent exerting the force and the object on which it acts. State the effect of the force in each case.

- (a) Squeezing a piece of lemon between the fingers to extract its juice.
- (b) Taking out paste from a toothpaste tube.
- (c) A load suspended from a spring while its other end is on a hook fixed to a wall.
- (d) An athlete making a high jump to clear the bar at a certain height.

Q.4. Explain why the sliding friction is less than the static friction.

Q.5. List sources of noise pollution in your surroundings?

KENDRIYA VIDYALAYA NO. 2 DELHI CANTT, 2ND SHIFT

WINTER BREAK HOLIDAY HOMEWORK

CLASS IX

Revise the chapters of term 2 taught so far

Read chapter 14: Natural resources and Prepare a project report **ON ANY 1** of the given topics (. This will be a part of internal assessment and credits of this report will be given in periodic assessment).). **The following points/topics can be incorporated in the report**

GREEN HOUSE EFFECT

- What is greenhouse effect
- Causes of greenhouse effect
- Problems from greenhouse effect
- Role of humans
- Measures that could be taken to reduce this effect.
- Paste/draw pictures related to your topic.

OR

OZONE LAYER DEPLETION

- What is ozone layer
- Location and use
- Meaning of ozone depletion
- Causes of ozone depletion

- Effects of ozone depletion on nature, genetic effects, effects on skin, effect on eyes, effect on immune system etc.
- Paste/draw pictures related to your topic.

KENDRIYA VIDYALAYA NO. 2 DELHI CANTT, 2ND SHIFT

WINTER BREAK HOLIDAY HOMEWORK: CLASS X

Revise the chapters of term 2 taught so far

Read chapter 16: **MANAGEMENT OF NATURAL RESOURCES** and Prepare a project report on **ANY ONE** of the given topics (. This will be a part of internal assessment and credits of this report will be given in periodic assessment). **The following points/topics can be incorporated in the report**

OUR NATURAL RESOURCES: CONSERVATION AND MANAGEMENT

TOPIC 1

- Need for resource management
- Sustainable management
- Examples of People's participation in the management of forests
- Wildlife conservation
- The traditional system of water harvesting or management in hilly areas and plain areas.
- How to manage fossil fuels in a sustainable manner
- What are the 5R's to save environment.

OR

TOPIC 2

- Global level environmental problems
- Organisations that spread awareness about our environment and promote activities and attitudes that lead to the conservation of our environment and natural resources.
- River water pollution and solution
- Ganga action plan
- Dams in India: Boon or bane
- Changes we can make in our habits to become more environment friendly

- Equitable distribution of resources and forces that work against equitable distribution
- What are the 5R's to save environment

BIOLOGY HOLIDAY HOMEWORK

CLASS XI

1 Do the textbook questions and extra questions of the following lessons:

- (a) Cell cycle and Cell division
- (b) Photosynthesis in higher plants
- (c) Respiration in plants
- (d) Plant growth and development

Supplement your answers with neat and well labelled diagrams wherever necessary.

2. Do the following experiments in your Biology Practical file. Draw neat and well labelled diagrams also.

- (a) Separation of plant pigments through paper chromatography.
- (b) Study of distribution of stomata in the upper and lower surface of leaves.

© Study of rate of respiration in flower buds/leaf tissue and germinating seeds.

3. Do the study/observation of the following spotting experiments in your Biology Practical file. Draw neat and well labelled diagrams also.

(a) Tissues and diversity in shape and size of animal cells. (Squamous epithelium, smooth, skeletal and cardiac muscles and mammalian blood smear) through temporary/permanent slides.

(b) Mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides.

4. Make an Investigatory Project on any one topic related to your syllabus.

(Maximum 20 pages)

Winter Break HW 2021-22

Class XI

Chemistry

- Q 1 .Define (a) Dipole-Dipole Forces (b) Avogadro law (c) Intermolecular forces
- Q.2 Describe Charle's Law. In terms of Charle's Law explain why -273°C is the lowest temperature?
- Q.3 What will be the volume of hydrogen when 3 litres of it are cooled from 15°C to -73°C at constant pressure?
- Q.4 What is Boyle's point
- Q.5 State with expression Dalton's law of partial pressure?
- Q.6 Give the units of Vander Waal's constants **a** and **b**.
- Q.7** . Derive relation between density and pressure of a gas.
- Q.8 Derive ideal gas equation.
- Q.9 State Boyle's law with mathematical expression and graphical representation.
- Q.10 Use the information and data given below to answer the questions
- Stronger intermolecular forces result in higher boiling point
 - Strength of London forces increases with the number of electrons in the molecule
 - Boiling point of HF ,HCl, HBr and HI are 293K,189K,206K and 238K respectively
- (a) Which type of intermolecular forces are present in the molecules HCl, HBr and HI?
- (b) Looking at the trend of boiling points of HCl, HBr and HI, explain, out of dipole interaction and London interaction, which one predominant here?
- (c) Why is the boiling point of HF highest while that of HCl lowest?
- Q.11 Prepare notes of unit States of Matter and complete exercise questions.

KENDRIYA VIDYALAYA NO.2 DELHI CANTT (II SHIFT)

PHYSICS WINTER BREAK HHW (2021-22)

CLASS – XI

1. Prepare 20 mcqs of below chapters of term-1 in your homework notebook:
 1. Mechanical properties of solids
 2. Mechanical properties of fluids

2. Complete 04 experiments in practical file through olabs :

1. Spring constant of spring
2. Velocity of sound
3. Sonometer
4. Cooling curve

3. Complete 3 activities in file for term-2

4. Practice derivations of above mentioned chapters and solve their exercise from NCERT.

Holiday Homework Computer Science (083)
CLASS XI

1. Complete practical questions upto 16.

2. Do exercise of List.

3. Develop a menu driven program executing atleast 4 operations.

WINTER BREAK HOME ASSIGNMENT :-(2020-2021)

CLASS: - XII A & B

BIOLOGY

1. Solve all the Questions of AISSCE, 2016, 2017, 2018, 2019, 2020 question Paper related to Unit IX & X.

2. Solve all the question of NCERT Book of Chapter 8, 10,11,12,13 & 15.

3. Learn and revise following chapters and solve 25 questions (Asked in CBSE BOARD) OF EACH CHAPTER IN YOUR Home Work copy.

a. Human Health and Disease.

- b. Microbes in Human Welfare.
 - c. Biotechnology: Principle and Processes.
 - d. Biotechnology and its Applications.
 - e. Organism and Population.
 - f. Biodiversity and Conservation
4. Complete your Practical work in Final Practical File as mentioned in Term II.
5. Make notes on all bold letters with definition NCERT Book of Chapter 8, 10,11,12,13 & 15. In a pocket type note book and memorized it daily.

BY: - B.P.SAH PGT (BIOLOGY) DATE: 21-12-2021

Chemistry Winter Break H W

Class XII

1. Learn the test of all cations and anions.
2. Write the name reactions of organic chemistry (aldehyde and ketones and amines).
3. Write distinguish pairs of the following
 - 1) Aldehyde and ketones
 - 2) Pentan-2 one and pentan_3 one
 - 3) Ethoxyethane and ethanoic acid.
4. Write Nernst equation and solve four numerical based on it
5. Define the following
 - 1) Rate of reaction
 - 2) Rate constant
 - 3) Order of reaction.
 - 4) Molecularity
 - 5) Rate law

6) Half life

6 How can we determine the molar conductivity of a solution and how does it vary with concentration in case of weak and strong electrolyte?

7 Prepare an investigatory project on a topic from day today life.

KENDRIYA VIDYALAYA NO.2 DELHI CANTT (II SHIFT)

PHYSICS WINTER BREAK HHW (2021-22)

CLASS – XII

5. Prepare 20 mcqs of below chapters of term-1 in your homework notebook:

3. Ray optics
4. Wave optics
5. Electromagnetic waves
6. Dual nature of matter

6. Complete 04 practical in practical file through olabs

1. Focal length of convex lens
2. Focal length of concave lens
3. Refractive index of water
4. Prism

7. Complete 3 activities in file for term-2

8. Solve exercise of optics, electromagnetic waves from NCERT.

Holiday Homework Computer Science (083)

CLASS XII

Revise MYSQL (DDL,DML) commands

Execute connectivity

Do all assignment assigned in classroom

KV NO-2 DELHI

CANTT

2021-22

Winter holiday homework

Social Science-VI

1. On outline map of India, mark the following
Indian desert, Northern plain, Deccan plateau,
Island group of India, tropic of cancer.
2. On an outline map of the world, mark the following:
Mountain ranges- Himalaya s, Rockies and Andes
Plateau-Tibet, Deccan plateau
3. what kind of landforms are found in your state?
4. Write any 10 pilgrimage centres in India and write about
anyone of them.

- 5.who is responsible for ensuring do not break out disease in the city?
6. How do you think wars affect the lives of ordinary people today?
7. Name any three variant of corona virus spread in the world 2020-2021

Social Science-VII

HOLIDAY HOMEWORK WINTER 2021

1. Name at least three variants of corona virus spread in the year 2020-2021 in the world.

कोरोना के कम से कम तीन प्रकारों के नाम लिखो जो साल 2020-2021 के दौरान फैले।

2. Which post was created for late general Vipin Rawat
जनरल विपिन रावत के लिए किस पद का निर्माण किया गया था पद का नाम लिखो।

3. On which date sports day is celebrated in India and in whose memory it is celebrated?

भारत में खेल दिवस कब मनाया जाता है, और यह किसकी याद में मनाया जाता है?

4. In history chapter 8 you read about siddha's yogis and nathpanthis who performed breathing exercises, name any 2 breathing exercises.

इतिहास के अध्याय 8 में आपने सिद्धियों और नाथपंथियों के बारे में पढ़ा जो श्वसन क्रियाओं को करते हैं, योग में करने वाली किन्हीं दो सांस संबंधी क्रियाओं के नाम लिखो।

5. Read carefully chapter 9 and 10 of your history book and prepare 5 multiple choice question from each chapter. $5+5=10$

अपनी इतिहास के अध्याय 9 और 10 को ध्यान से पढ़ो और प्रत्येक से पाँच बहुविकल्पीय प्रश्न तैयार करो।

Social Science- VIII

1. What is COVID-Appropriate Behavior? Is it necessary for all persons to follow it? Explain.
2. India achieved the landmark to administer COVID Vaccine to 135 crore people in the country. How would you explain this great achievement?
3. In your own city or village who would you think are the marginalized groups? Discuss.

4. Can you name some Adivasi communities that live in your state? What are the reasons for the marginalization of these communities?
5. What are the factors affecting the location of an industry? Explain.
6. Write a short note on industrial disaster occurred in Bhopal on 3rd December, 1984.
7. Write the meaning of the following terms-
 - (a) Jamdani
 - (b) Chintz
 - (c) Bandanna
 - (d) Spinning Jenny
8. What are the reasons for the decline of Indian textiles during British period?
Imagine you are a textile weaver in late 19th century India. Textiles produced in Indian factories are flooding the market. How would you have adjusted to the situation.

Social Science-IX

1. Art integrated social science project

Topic: Disaster, its type and disaster management

Content: 1. Meaning of disaster

2. Types of disaster

3. main manmade disasters

4. main Natural disasters

5. Alternative communication during disaster

4. First aid

5. Disaster management in India.

Instructions for project--

* Do in scrapbook in beautiful handwriting with creativity

* Make diagrams

* Paste related pictures and map where needed

* Decorate decently

* Project will be made by individual student not in group.

2. Activity :- Map work (List at CBSE)

History :-

Socialism in Europe and the Russian Revolution (1 map)

Nazism and the rise of Hitler (1 map)

Geography :-

Drainage (1 map)

Climate (1 map)

Natural Vegetation and wild life (2 maps)

3. Do revision of all the chapters which you have completed (Term 2).

Social Science-X

A) HISTORY (Outline Political Map of India)

Chapter - 2 Nationalism in India – (1918 – 1930) for Locating and Labelling / Identification on the political map of India.

1. Indian National Congress Sessions:

- a. Calcutta (Sep. 1920)
- b. Nagpur (Dec. 1920)
- c. Madras (1927)

2. Important Centres of Indian National Movement

- a. Champaran (Bihar) - Movement of Indigo Planters
- b. Kheda (Gujarat) - Peasant Satyagrah

c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha

d. Amritsar (Punjab) - Jallianwala Bagh Incident

e. Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement

f. Dandi (Gujarat) - Civil Disobedience Movement

B. GEOGRAPHY (Outline Political Map of India)

Chapter 5: Minerals and Energy Resources Power Plants-(Locating and Labelling only)

a. Thermal POWER PLANTS

- Namrup
- Singrauli
- Ramagundam

b. Nuclear

- Narora
- Kakrapara
- Tarapur
- Kalpakkam

Chapter 6: Manufacturing Industries (Locating and Labelling Only)

Cotton Textile Industries:

- a. Mumbai
- b. Indore
- c. Surat
- d. Kanpur
- e. Coimbatore

Iron and Steel Plants:

- a. Durgapur
- b. Bokaro
- c. Jamshedpur
- d. Bhilai
- e. Vijaynagar
- f. Salem

Software Technology Parks:

- a. Noida
- b. Gandhinagar

- c. Mumbai
- d. Pune
- e. Hyderabad
- f. Bengaluru
- g. Chennai
- h. Thiruvananthapuram

Chapter 7: Lifelines of National Economy

Major Ports: (Locating and Labelling)

- a. Kandla
- b. Mumbai
- c. Marmagao
- d. New Mangalore
- e. Kochi
- f. Tuticorin
- g. Chennai
- h. Vishakhapatnam

i. Paradip

j. Haldia

International Airports:

a. Amritsar (Raja Sansi)

b. Delhi (Indira Gandhi International)

c. Mumbai (Chhatrapati Shivaji)

d. Chennai (Meenam Bakkam)

e. Kolkata (Netaji Subhash Chandra Bose)

f. Hyderabad (Rajiv Gandhi)

PROJECT WORK

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

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

* Make a PPT or Do in a scrapbook in beautiful handwriting with creativity.

* Make this project individually not in a group.

3. Revise all the completed chapters related to the Term -2 Exam.

* Enjoy your holidays and take care of you.

History - XI

- 1) Make MCQ -40 from the chapter-7
- 2) Why were Italian town the first to experience the ideas of Humanism?
- 3) Which elements of Greek and Roman culture were received in the 14th and 15th century ?
- 4) What do you mean by Renaissance? From where did it start.
- 5) Mention few reasons that were responsible for the emergence of Renaissance.

- 6) What was the declaration of Copernicus about the the earth.
- 7) Collect more information about itlay along with map .
 - Those who have not completed assignments complete it.

Economics- XI

XI Holiday Homework

1. Write briefly about any two properties of arithmetic mean.
2. What do you mean by central tendency? Give any one importance of central tendency.
3. Differentiate between absolute dispersion and relative dispersion.
4. Solve Term end 1 question Paper.

Geography- XI

1. MAKE AND LEARN MAP- INDIAN VEGETATION, INDIAN SOIL, INDIA ANNUAL RAINFALL, ALL BIOSPHERICAL RESRVES OF INDIAMAP

2. PREPARE GEOGRAPHY FILE AND WRITE
CHAPTER 1 TO 8

3. MAKE WORLD MAP IN WHICH LOCATION OF
FOLLOWING IS MENTIONED:

- WORLD DEEPEST TRENCH IN OCEAN
- WORLD HIGHEST MOUNTAIN RANGES
CONTINENT WISE
- MAJOR OCEANIC GULF OF WORD
- MAJOR OCEANIC STREAT OF WORD
- WORD BIOLOGICAL HOT SPOT

Political science-XI

Holiday homework for political science

1. Legislature
 2. Executive
 3. Judiciary
- Revise these 3 chapters and also make notes
 - Solve cartoon based questions of the above chapters.
 - Paste a political map in your notebook and show the states

Which have bicameral legislature at present.

History – XII

1. Describe in brief about the ideal of Din - I - Ilahi .
2. Describe in brief about the architecture under the Mughals
3. Write about the given Mughal monuments.
 - Fort of Agra
 - Red Fort
 - Buland Darwaza
 - Tomb of Salim Chishti
4. Make a PPT on Historical monuments of India.
5. Outline map of India
 - Territories under Babar , Akbar , Aurangzeb.
 - Territories under British Control.
 - Important National movements .

Geography – XII

MAKE GEOGRAPHY PRACTICAL FILE FOR TERM TWO (UNIT- PROCESSING OF DATA AND THEMATIC MAPPING)

2. PREPARE CHART WHICH DIFFERENTIALTE BWETEEEN PRIMARY, SECONDARY, TERTIARY AND QUATERNARY ACTIVITIES.

3. DRAW FOLLOWING IN POLITICAL MAP OF INDIA:

- NATIONAL WATER WAYS OF INDIA
- MAJOR NATIONAL HIGH WAY OF INDIA
- MAJOR RAILWAY ZONE HEAD QUARTERS
- MAJOR INTERNATIONAL RAIRPORT OF INDIA
- OIL AND GAS PIPELELINE OF INDIA
- MAJOR URBAN IT HUBS OF INDIA

Economics-XII

1. Why the period of 1980s was is known as the period of ‘maturing of Green Revolution’?
2. money multiplier. Define Illustrate with help of a hypothetical numerical example the process of credit creation.

3. State with valid reason, which of the following statement is true or false.
 - a. Value added is gross production less value of intermediate goods used.
 - b. Stock is a quantity measurable over a period of time.
4. Solve Term end 1 question Paper.

Political science XII

1. New centres of power

Q.1 What makes the European union a highly influential regional organisation?

Q.2 Identify the contentious issues between China and India how could these be resolved for greater cooperation give your suggestions?

2. South Asia and contemporary world

Q.1. Several factors have contributed to Pakistan's failure in building a stable democracy .What are those factors?

Q.2. Name the principal players in the ethnic conflict in Sri Lanka how do you assess the prospect of the resolution of this conflict.

Q. 3 Write a short note on SAARC

3. Globalisation

Q 1. What is worldwide interconnectedness what are its components?

Q.2. what are the political consequences and economic consequences and cultural consequences of globalisation?

- Write notes on above topics and write the answers of the above mentioned questions
- Solve cartoon based questions of these three topics given above
- Paste a map in your note book and show ASEAN countries

