

# Autumn Break's Homework

## Class-Isz (English)

1. Learn five animals and their babies.  
Also write them in your notebook.
2. Learn five farm animals, water animals  
and jungle animals.
3. Learn and write the poem "After a Bath".
4. Draw the well and colour it.

KENDRIYA VIDYALAYA CRPF, MOKAMAGHAT

AUTUMN BREAK HOME WORK

कक्षा:- 1

विषय:- हिंदी

1. पाठ्यपुस्तक की किन्हीं दो कविताओं की कॉपी में लिखे एवं याद करें !
2. दिन और महीने के नाम हिंदी में लिखें एवं याद करें !
3. इंद्रधनुष का चित्र बनाएं और उनमें रंग भरे तथा रंगों का नाम भी लिखें !

नोट:- उपरोक्त सभी कार्य, हिंदी की Classwork Copy में ही करें !

# AUTUMN BREAK HOLIDAY HOMEWORK

CLASS- 1

SUB - MATHS

- (1) Learn number names from 1 to 20.
- (2) Learn tables from 2 to 5.
- (3) Practice the chapter 1 and 2,3 for Test.

AUTUMN BREAK (2022-23)

HOLIDAY HOMEWORK

EVS, CLASS-I

- ① Paste pictures of our helpers. (any five)
- ② Paste pictures of food items we get from animals and plants. (5 each).
- ③ Decorate a Diwali diya.
- ④ Daily water the plant and feed any animal or bird.

NOTE - Do your homework in EVS notebook only.

# Autumn Break Holiday Homework

Music

For class - I<sup>st</sup> & II<sup>nd</sup>

- ① विद्यालय पाठना, राष्ट्रगान याद करें।
- ② छात्र प्रतिभा (Hindi & English) में याद करें।
- ③ हम होंगे कामयाब --- याद करें।

For class - III<sup>rd</sup> IV<sup>th</sup> & V<sup>th</sup>

- ① आसानी गीत याद करें।
- ② लंगीत के अलंकार याद करें।

# Autumn Break Holiday Homework

Class - II

Subject - English

- 1) write one page handwriting daily
- 2) write 5 sentences on Durgapuja and make a painting of Ma Durga.
- 3) Learn Poem Zoo manners and Mr. nobody.
- 4) Practice english reading daily from your book.

# शरद कालीन अवकाश गृहकार्य

कक्षा - II

विषय - हिन्दी

1. शीज 1 पेज सुलेख लिखें ।
2. महीनों के नाम हिन्दी में लिखें ।
3. कोई 3 कविता याद करें ।
4. 'दशहरा' पर पाँच वाक्य लिखें एवं चित्र बनाएं या चिपकाएं

# Autumn Break Holiday Homework

Class - II

Subject - Mathematics

- I) Write Number names from 51-100.
- II) Write and memorise tables from 2-10.
- III) Write and learn Seven days of the week and 12 months of the year.
- IV) Do any 5 addition and subtraction with 3 digits.



# Autumn Break Holiday Homework

CLASS - 2nd

Subject - E.V.S

- Write and learn name of Indian states and their capitals in A4 sheet paper.
- Make a greeting card for the festivals you like the most.
- Draw two food items obtained from plants.
- Collect pictures of different means of communications and paste in a A4 sheet.
- Revise chapters 8, 9, 10 for the cycle Test.

# Autumn Break Holiday Homework

Music

For class - I<sup>st</sup> & II<sup>nd</sup>

- 1) विद्यालय पार्थना, राष्ट्र गान याद करें।
- 2) छटा प्रतिभा (Hindi & English) में याद करें।
- 3) हम होंगे कामयाब --- याद करें।

For class - III<sup>rd</sup> IV<sup>th</sup> & V<sup>th</sup>

- 1) आसानी गीत याद करें।
- 2) लंगीत के अलंकार याद करें।

# Autumn Break Holiday Homework

Class - III

Sub - English

- I) Write one page handwriting daily.
- II) Write two new words with meaning daily.
- III) Write five lines about your family.
- IV) Write five lines on dusshra and draw or paste picture of dusshra.

# केंद्रीय विद्यालय मीकामाघाट

शरदकालीन अवकाश गृहकार्य 2022

विषय - हिन्दी

कक्षा - तीन

- ① पाँच पन्ना सुलेख लिखो।
- ② तुम्हें किन-किन चीजों के पकने का महक अच्छी लगती है? किन्ही पाँच चीजों के नाम लिखो।
- ③ किन्ही पाँच चीजों के नाम लिखो जो तराजू से तोल कर खरीदा जाता है।
- ④ एक वचन और बहुवचन के दस शब्दों को लिखो। जैसे - तितली - तितलियाँ।
- ⑤ पाठ 'कक्कू' से बंदर बाँट तक के सारे प्रश्नों के उत्तर साद करो।

# Autumn Break's Homework

class - III rd (Math)

1. Do homework of page no - 2
2. Do homework of page no - 17
3. Do homework of page no - 41
4. Do homework of page no - 56
5. Do homework of page no - 65
6. Do homework of page no - 86

KENDRIYA VIDYALAYA CRPF, MOKAMAGHAT

AUTUMN BREAK HOME WORK

**Class-III**

**Subject- EVS**

1. Revise chapter 1 to 10 for half yearly examination.
2. Paste the pictures of five players and write their names and related games.
3. Draw/Paste picture of 5 Utensils uses in our kitchen also write their names.

**Note: Do all the works in classwork copy.**

# Autumn Break Holiday Homework

Music

For class - I<sup>st</sup> & II<sup>nd</sup>

- 1) विद्यालय पार्थना, शबु गान याद करें।
- 2) छात्र प्रतिभा (Hindi & English) में याद करें।
- 3) हम होंगे कामयाब --- याद करें।

For class - III<sup>rd</sup> IV<sup>th</sup> & V<sup>th</sup>

- 1) आसानी गीत याद करें।
- 2) नंगीत के अलंकार याद करें।

# AUTUMN BREAK (2022-23)

## HOLIDAY HOMEWORK

SUBJECT- ENGLISH

CLASS - IV

- ① Read english newspaper daily.
- ② Make a poster on "Health and Hygiene".
- ③ Project work — "KINDNESS TO ANIMALS".

Write few sentences about how can you show kindness towards animals. Paste or draw related pictures also.

- ④ Write and learn "The Donkey" poem.
- ⑤ Write the names of the states of India and their languages.

Note → Do your holiday homework only in English Notebook.



# शरदकालीन अवकाश गृहकार्य

कक्षा-4 विषय- हिन्दी

- (1) पाठ 1 से पाठ-7 तक के सभी प्रश्नोंतर याद कीजिए ।
- (2) दुर्गापूजा मनाने के लिए आपने क्या-क्या तैयारियाँ की हैं  
उसका वर्णन लगभग 100 शब्दों में लिखिए ।
- (3) कोई भी 10 शब्द लिखकर उनके 2-2 पर्यायवाची शब्द  
लिखिए तथा याद कीजिए ।

# Autumn Break Holiday Homework

Class - IV

Subject - Maths

- 1) Learn and write tables 2 to 20.
- 2) Collect 5 wrappers which show expiry and manufacturing date and paste in notebook..
- 3) Draw some shapes and make a line which divides these shapes into equal halves. (minimum 5 shapes).
- 4) Do 3 sums of Multiplications and division daily.

Q1. Name the following :-

- (i) A flower that always faces the sun \_\_\_\_\_
- (ii) A flower that grows in water \_\_\_\_\_
- (iii) A flower that blooms only at night \_\_\_\_\_
- (iv) A flower of a plant is eaten as a vegetable  
\_\_\_\_\_
- (v) A flower that has thorn on the plant on which  
it grows \_\_\_\_\_

Q2. Write any two slogans on importance of plants.

Q3. Make a poster on 'air pollution and side effects'  
in A4 size paper.

Q4. Revise chapter 1 to 13 for Mid-term examination.

# Autumn Break Holiday Homework

Music

For class - I<sup>st</sup> & II<sup>nd</sup>

- 1) विद्यालय पार्थना, शबुद्वय गान याद करें।
- 2) छात्र प्रतिभा (Hindi & English) में याद करें।
- 3) हम होंगे कामयाब --- याद करें।

For class - III<sup>rd</sup> IV<sup>th</sup> & V<sup>th</sup>

- 1) आसामी गीत याद करें।
- 2) नंगीत के अलंकार याद करें।

# Autumn Break Holiday Homework

CLASS - 5<sup>th</sup>

Subject - ENGLISH

- Write essay on :
  - My favourite game
  - Rainy season
- Write a letter to your friend asking him about his preparations for examination
- Write a notice on Annual sports meet - 2022 to be organised from 06-10-22 to 09-10-22
- Revise the syllabus for Mid-term.

# शरद कालीन अवकाश गृहकार्य

वर्ग - पंचम

विषय - हिंदी

- ① प्रतिदिन एक पेज सुलेख लिखें।
- ② 5 मुहावरे, उनके अर्थ एवं उनका वाक्य में प्रयोग करके लिखें।
- ③ विजयदशमी पर निबंध लिखें।
- ④ प्रतिदिन अखबार पढ़ें।
- ⑤ अर्धवार्षिक परीक्षा में आने वाले पाठ्यक्रम को याद करें।

# Holiday Homework

## Autumn Break

CLASS - V

SUBJECT - MATHEMATICS

Note - All the homework should be done in A4 size paper.

1. Draw a floor map of your house.
2. Write multiplication table (2 to 25) three times.  
Memorise tables from 2 to 25 by practising.
3. Write definition of Area.
4. How to calculate area of regular figures like rectangle and square? (Write formula)
5. Write definition of Perimeter.
6. How to calculate perimeter of regular figures like rectangle and square? (Write formula)
7. How much distance will be covered in 5 hours at a speed of 55 Km per hour?

K.V MOKAMEGHAT

Autumn Break Holiday Homework

Class V

Sub - EVS

- ① Learn by heart - All question-answers from "Super senses" to "Sunita in space".
- ② Write and Learn
  - (i) What do you do in your house to protect yourself from mosquitoes?
  - (ii) Diseases that can be caused by mosquitoes are - \_\_\_\_\_
- ③ Write five sources of water.
- ④ What is anemia?
- ⑤ Write food items that contain iron - any three.
- ⑥ Draw the life cycle of a mosquito.



# Autumn Break Holiday Homework

Music

For class - I<sup>st</sup> & II<sup>nd</sup>

- 1) विद्यालय पाठ्यना, शबुत गान याद करें।
- 2) छान प्रतिवा (Hindi & English) में याद करें।
- 3) हम होंगे कामयाब --- याद करें।

For class - III<sup>rd</sup> IV<sup>th</sup> & V<sup>th</sup>

- 1) आसानी गीत याद करें।
- 2) लंगीत के अलंकार याद करें।

**KENDRIYA VIDYALAYA , CRPF, MOKAMAGHAT**

**AUTUMN BREAK HOMEWORK- 2022-23**

**CLASS - VIII'B'**

**SUB - SCIENCE**

**SUB TR - HEMKAMAL**

- 1. Explain three types of friction with examples.**
- 2. Write three advantages and three disadvantages of friction.**
- 3. Why do mountaineers usually suffer from nose bleeding at high altitude?**
- 4. Explain why school bags are provided with wide straps to carry them.**
- 5. Explain all types of forces with example.**
- 6. Name any five endocrine glands , their hormones and their functions.**
- 7. Write the changes which take place in boys and girls during puberty.**
- 8. What do you mean by sex determination?**
- 9. Explain the menstrual cycle.**
- 10. Draw the diagrams of male and female reproductive organs of human.**
- 11. Write differences between :**
  - (a) Sexual and Asexual Reproduction**
  - (b) Biosphere reserves, wildlife sanctuary and national park**
- 12. Draw the diagram of flame of a candle.**
- 13. What are fossil fuels? Name three fossil fuels and their by products.**
- 14. What is Vaccine? How does it work?**
- 15. What are antibiotics? Name the first antibiotic developed.**

Autumn vacation holiday home work

Class-8B

1. What was the situation of the peasants and zamindars in the countryside? देहात में किसानों और जमींदारों की क्या स्थिति थी?
2. In what ways was the Movement led by Birsa significant? बिरसा के नेतृत्व वाला आंदोलन किन मायनों में महत्वपूर्ण था?
3. Describe the process after which Domestic Violence Act came into effect in 2006. उस प्रक्रिया का वर्णन करें जिसके बाद 2006 में घरेलू हिंसा अधिनियम लागू हुआ।
4. What role does separation of power play in making independence of judiciary successful? न्यायपालिका की स्वतंत्रता को सफल बनाने में सत्ता के पृथक्करण की क्या भूमिका है?
5. How is rice a major food crop in category of crops grown to meet the requirement of the growing population? बढ़ती जनसंख्या की आवश्यकता को पूरा करने के लिए उगाई जाने वाली फसलों की श्रेणी में चावल एक प्रमुख खाद्य फसल कैसे है?
6. What is subsistence farming? निर्वाह खेती क्या है?
7. Describe methods of soil conservation. मृदा संरक्षण की विधियों का वर्णन कीजिए।

- Q1. If Tilly's award was to be shared, who do you think she should share it with — her parents or her geography teacher?
- Q2. Who, in your view, is an 'unusual learner'?
- Q3. Who was Chunilal? What did he want from Bepin Babu?
- Q4. What are the two different ideas about why so few animals were killed in the tsunami? Which idea do you find more believable?
- Q5. Learn and write the poem 'The Last Bargain'.
- Q6. Write & learn the word-meaning of — 'Bepin Choudhury's Lapse of Memory'!

# केन्द्रीय विद्यालय सीआरपीएफ मोकामाघाट

## शरद कालीन अवकाश गृहकार्य 2022

### कक्षा - 8 (हिंदी)

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प्रश्न 1. 'विपत्ति के समय सच्चे मित्र की पहचान होती है।' उपरोक्त कहावत के अर्थ को चरितार्थ करते हुए सच्चे मित्र का आपके जीवन में क्या महत्व है? इस पर 150 शब्दों में अपने विचार लिखें। सच्चे मित्र से संबंधित कुछ दोहे एवं साखियाँ लिखें।

प्रश्न 2. निम्नलिखित विषय पर निबंध लिखिए :-

1. जीवन में त्योहारों का महत्व।
2. स्वच्छता का जीवन में महत्व

पत्र:-

1. प्रधानाचार्य जी को छात्रवृत्ति प्राप्त करने हेतु पत्र लिखें।
2. छोटे भाई को सदाचार के बारे में बताते हुए पत्र लिखें।

प्रश्न 3. 'भारत की खोज' पुस्तक के आधार पर सिन्धु घाटी सभ्यता पाठ को पढ़कर 10 बहुविकल्पी (MCQ) प्रश्न और उसके उत्तर लिखें।

प्रश्न 4. कोई दस उपसर्ग युक्त वाक्य लिखो और उससे मूल शब्द व उपसर्ग छांटने।

प्रश्न 5. परीक्षा को ध्यान में रखते हुए पाठ्यक्रम में आने वाले अध्याय को ध्यानपूर्वक पढ़ें ।

Write five rational numbers greater than -9.

2. Write three rational numbers between -2 and 0.

### Chapter - Equations

1. Solve the following equations: -

(a)  $\frac{1.6}{1.5} = y$       (b)  $\frac{2x}{3} = 18$       (c)  $x = \frac{4}{5}(x+10)$

(d)  $8x+4 = 3(x-1)+7$       (e)  $5x+9 = 5+3x$

2. Four-fifth of a number is 10 more than two third of a number. Find the number.
3. Two numbers are in ratio 5:3. If they differ by 18. What are the numbers?

### Chapter - Understanding Quadrilaterals

1. Name the quadrilaterals whose diagonals  
(i) bisect each other (ii) are equal (iii) are perpendicular bisect of each other.

### Chapter - Data Handling

(i) Ex - 5.1 Q no - 2, 3

### Chapter - Square and Square root

- (i) Find the square of the following number  
(a) 35      (b) 86

### Chapter - Algebraic Expressions and Identities

Class - VIII A

Autumn break h.w Sub: Science.

Q1) Do the Revision work for half yearly examination?

Q2) Write the answers of following questions.

- Ch-1 = Q 8, 9
- Ch-2 = Q 5, 8
- Ch-5 = Q 7, 8
- Ch-6 = Q 9, 11
- Ch-7 = Q 5
- Ch-8 = Q 5, 6
- Ch-10 = Q 2, 6
- Ch-11 = Q 8, 29



Autumn vacation holiday home work

Class- 7B

Subject-social science

1. Who was Al-Idrisi?( अल-इड्रीसी कौन थी?)
2. Name the important rulers of other dynasties that ruled over Delhi.( अन्य राजवंशों के महत्वपूर्ण शासकों का नाम दें जो दिल्ली पर शासन किये )
3. **What are exogenic and endogenic forces?**( बहिर्जात और अंतर्जात बल क्या हैं?)
4. **How does carbon dioxide create green house effect?** (कार्बन डाइऑक्साइड ग्रीन हाउस प्रभाव कैसे बनाता है?)
5. **Name three types of rainfall.**( तीन प्रकार की वर्षा का नाम दें)
6. **What is the salinity of the Dead sea?**( मृत सागर की लवणता क्या है?)
7. **When is International Women's Day celebrated?**( अंतर्राष्ट्रीय महिला दिवस कब मनाया जाता है?)
8. **How was the girls' school in Madhya Pradesh in the 1960s designed differently from the boys' school?**( 1 9 60 के दशक में मध्यप्रदेश में लड़कियों के स्कूल कैसे लड़कों के स्कूल से अलग थे?)
9. .on the outline map of india show the following.  
(I) India-States with Capitals(राजधानियों के साथ भारत के राज्य)

## Holiday Homework 2022 (Autumn break)

Class:VII            Subject: Science

Q.1 Give a brief descriptions of the process of synthesis of food in green plants.

Q.2 What are villi ? What is their location and function ?

Q.3 Describe the all steps in the processing of wool.

Q.4 Discuss why wearing more layers clothing during winter keeps us warmer than wearing just one thick pieces of clothing.

Q.5 Explain why an antacid tablet is taken when you suffer from acidity ?

Q.6 Explain how painting of an iron get prevents it from rusting.

Q.7 List the similarities and differences between aerobic and anaerobic respiration.

Q.8 Draw a diagram of the human excretory system and label the various parts.

- Q1. ~~The~~ Name two things the elephant can do with his trunk, and two he cannot.
- Q2. What did the crocodile do to show that it was a real crocodile?
- Q3. Why did Chandni refuse to join the group of wild goats?
- Q4. Why did the wise old bird say, "Chandni is the winner"?
- Q5. ① How did the spirit of the dog help the farmer first?  
② How did it help him next?
- Q6. Why did the King want no more talk about the hilsa fish?
- Q7. Write and learn the meaning of the following words:-  
Coaxed, dainties, Covetous  
Carcass, Pounding, flung
- Q8. Write a letter to your father about preparation for H-Y-exam.

शारद कालीन अवकाश गृहकार्य

हिन्दी

कक्षा - VII

2022 - 2023

प्रश्न :- 1. सचो मित्र का आपके जीवन में क्या महत्व है ?

शब्दों में अपने विचार लिखें।

120

प्रश्न :- 2. निबंध लिखें।

सहायता गाँधी।

(i.)

अच्छा स्वास्थ्य।

(ii.)

प्रश्न :- 3.

(i.)

प्रधानाचार्य के पास अनुपस्थिति दण्ड साफ कराने के लिए प्रार्थना पत्र लिखें।

(ii.)

विद्यालय फीस साफ कराने हेतु प्रधानाध्यापक को पत्र लिखें।

प्रश्न :- 4. अपने पाठ्य पुस्तक "वसंत" से कोई एक कविता का भावार्थ लिखें।

प्रश्न :- 5. 'सहायता' पुस्तक में पाठ से पाँच-पाँच लघुत्तरीय प्रश्न

एवं उसके उत्तर लिखें। 3, 10, 11, 13

प्रश्न :- 6. सभी कारकों की विभक्तियाँ लिखें एवं उनसे एक-एक वाक्य बनायें।

प्रश्न :- 7. परीक्षा को ध्यान में रखते हुए पाठ्यक्रमों में आने वाले अध्यायों का ध्यानपूर्वक पढ़ें।

[2] Convert the given decimals - fraction to per-cents

(a) 5.1

[b] 0.01

3) In a Computer lab there are 6 Computer for every 12 students. How many Computer will be for 36 students?

CLASS - 7 A, B MATHEMATICS  
AUTUMN BREAK HOMELWORK

Chapter - Integers

[1] Write properties of addition and subtraction of Integers.

Chapter - Fraction and decimals

[1] Do any 5 question of sum of fraction and subtraction of fraction of your choice.

[2] Write definition of fraction and type of fraction.

[3] Express as rupees using decimals: -

[a] 69 rupees 76 paise [b] 102 rupees 5 paise

Chapter - Simple equation

[1] Write the equation in statement forms

[a]  $7P + 9 = 23$

[b]  $4P - 7 = 12$

[2] Solve the following equations

[a]  $90p + 20 = 100$

[b]  $3q = 100$

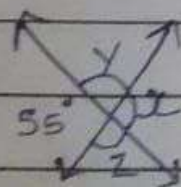
Chapter - line and angles

[1] What will be the measure of the supplementary angles

[a]  $100^\circ$

[b]  $57^\circ$

[2] Find the value of the angle  $x, y, z$



Chapter - Comparing quantities

[1] Find the ratio of

[a] 9m to 97cm

[b] 24 days to 30 days

**KENDRIYA VIDYALAYA , CRPF, MOKAMAGHAT**

**AUTUMN BREAK HOMEWORK- 2022-23**

**CLASS - VI'B'**

**SUB - SCIENCE**

**SUB TR - HEMKAMAL**

1. Explain the following terms.  
Adaptations, habitat, reproduction, photosynthesis, venation
2. Write the function of each:  
Stem, leaves, root, flower, skull , rib cage
3. Write the differences between:
  - (a) Climber and creeper
  - (b) Parallel and creeper
  - (c) Tap root and fibrous root
4. Explain four types of movable joints with examples.
5. Draw the diagrams of following.
  - (a) Flower
  - (b) Tap root
  - (c) Fibrous root

**Projects**

**Roll (1 - 20)**

**Make a file on plants and its parts in details.**

**Roll ( 21 - 41)**

**Make a file on plants and animals found in different habitat with their adaptation features.**

- Q1. How does the poet define a home?
- Q2. How does the poet describe three forms of beauty?
- Q3. How did Kalpana Chawla become an astronaut? What gave her the idea that she could be an astronaut?
- Q4. Write the meaning of underlined phrases
- ① And somehow we fell out.
- ② The afternoon turned black.
- Q5. Make sentences
- Broke apart, Spread across
- Blast off, Carry on
- Q6. Memorise & write the word-meaning of 'Who Did Patrick's Homework?'



# शारदकालीन अवकाश गृहकार्य

classmate

2022-23

Date \_\_\_\_\_

Page \_\_\_\_\_

हिन्दी

कक्षा - VI

प्रश्न :- 1. अपने पाठ्य पुस्तक "वसंत" से कोई एक कविता का भावार्थ लिखें।

प्रश्न :- 2. निबंध लिखें।

(i.) हमारा कन्द्रीय विद्यालय.

(ii.) दुर्गा पूजा.

प्रश्न :- 3. (i.) परीक्षा की तैयारी के संबंध में मित्र को पत्र लिखें।

(ii.) पाँच दिनों के अवकाश हेतु प्रधानाचार्य को प्रार्थना पत्र लिखें।

प्रश्न :- 4. सर्वनाम, विशेषण की परिभाषा दें हुए उनके ~~दो~~ सेटों से एक-एक वाक्य बनायें।

प्रश्न :- 5. "बाल रामकथा" पुस्तक में पाठ - \_\_\_\_\_ से पाँच - पाँच लघु -  
उत्तरीय प्रश्न एवं उत्तर लिखें। 3, 5, 6, 8

प्रश्न :- 6. परीक्षा का छाम में स्वतः हुए पाठक्रमों में आने वाले अध्याय का ध्यानपूर्वक पढ़ें।

CLASS 6 MATH  
AUTUMN BREAK HOMEWORK

Chapter - Knowing our numbers

1) Place commas correctly and write the numerals :-

(a) Nine crore five lakh forty six

(b) Twenty three lakh thirty thousand ten

(c) Seventy three lakh seventy five thousand three hundred seven.

(2) Write each in expanded form

(a) 5,35,981

(b) 34,49,684

(3) Express each of the following as a Hindu-Arabic Numeral

(a) XXXII

(b) XCV

(c) LXXX

(4) Estimate each of the following numbers

(a)  $87 \times 32$

(b)  $311 \times 113$

Chapter - Whole numbers

(1) Find using distributive property :-

(a)  $824 \times 25$

(b)  $728 \times 10$

(2) Write the successor and predecessor of the following

(a) 94

(b) 10,000

Chapter - Playing with numbers

(1) Find all the prime numbers between 1 and 100.

(2) Find all even numbers between 1 to 40.

Chapter - Fractions

(1) Do any 5 questions of sum of fractions of your choice.

Chapter - Integers

(1) Write definition of Integers and types of integers.

Class - 6 (A & B)

Sub - Social Science .

Revise Geography from chapter (1 to 4)

Revise civics from chapter (1 to 3)

Revise and prepare short notes of every chapter of history from (1 to 6).

\* Prepare for exam.

**In questions 1 to 17, only one of the four options is correct. Write the correct one.**

1. Every integer less than 0 has the sign  
(A) +                      (B) -                      (C)                      (D) ÷
2. The integer '5 units to the right of 0 on the number line' is  
(A) +5                      (B) -5                      (C) +4                      (D) -4
3. The predecessor of the integer -1 is  
(A) 0                      (B) 2                      (C) -2                      (D) 1
4. Number of integers lying between -1 and 1 is  
(A) 1                      (B) 2                      (C) 3                      (D) 0
5. Number of whole numbers lying between -5 and 5 is  
(A) 10                      (B) 3                      (C) 4                      (D) 5
6. The greatest integer lying between -10 and -15 is  
(A) -10                      (B) -11                      (C) -15                      (D) -14

HOLI DAY HOME  
WORK  
class 6B

7. The least integer lying between  $-10$  and  $-15$  is  
(A)  $-10$                       (B)  $-11$                       (C)  $-15$                       (D)  $-14$
8. On the number line, the integer  $5$  is located  
(A) to the left of  $0$     (B) to the right of  $0$   
(C) to the left of  $1$     (D) to the left of  $-2$
9. In which of the following pairs of integers, the first integer is not on the left of the other integer on the number line?  
(A)  $(-1, 10)$                       (B)  $(-3, -5)$                       (C)  $(-5, -3)$                       (D)  $(-6, 0)$
10. The integer with negative sign  $(-)$  is always less than  
(A)  $0$                       (B)  $-3$                       (C)  $-1$                       (D)  $-2$
11. An integer with positive sign  $(+)$  is always greater than

शारदीय अवकाश गृहकार्य , संस्कृत, 2022-23.

कक्षा--6--8

- 1.अपने संस्कृत पाठ्य पुस्तक से सुभाषितानि एवं कक्षा षष्ठी वृक्षा: पाठ से कोई चार श्लोक याद कर भावार्थ सहित संस्कृत उत्तर पुस्तिका में लिखेंगे।
- 2.छात्र प्रतिज्ञा एवं संख्यावाचिशब्दा:(1-50 )एवं कक्षा -षष्ठी 1-20 तक याद कर संस्कृत उत्तर पुस्तिका में लिखेंगे।
- 3.अप्रैल से सितम्बर तक के पाठ का पुनरावृत्ति कार्य पढ़ कर एवं लिख कर करेंगे। साथ ही अर्धवार्षिक परीक्षा की तैयारी पूरे मन से करेंगे।

धन्यवाद।

12:39 pm

6. Find the coordinates of the point Q on the  $x$ -axis which lies on the perpendicular bisector of the line segment joining the points A  $(-5, -2)$  and B  $(4, -2)$ . Name the type of triangle formed by the points Q, A and B.
7. Find the value of  $m$  if the points  $(5, 1)$ ,  $(-2, -3)$  and  $(8, 2m)$  are collinear.
8. If the point A  $(2, -4)$  is equidistant from P  $(3, 8)$  and Q  $(-10, y)$ , find the values of  $y$ . Also find distance PQ.
9. Find the area of the triangle whose vertices are  $(-8, 4)$ ,  $(-6, 6)$  and  $(-3, 9)$ .
10. In what ratio does the  $x$ -axis divide the line segment joining the points  $(-4, -6)$  and  $(-1, 7)$ ? Find the coordinates of the point of division.
11. Find the ratio in which the point  $P\left(\frac{3}{4}, \frac{5}{12}\right)$  divides the line segment joining the points A  $\left(\frac{1}{2}, \frac{3}{2}\right)$  and B  $(2, -5)$ .
12. If P  $(9a - 2, -b)$  divides line segment joining A  $(3a + 1, -3)$  and B  $(8a, 5)$  in the ratio  $3 : 1$ , find the values of  $a$  and  $b$ .
13. If  $(a, b)$  is the mid-point of the line segment joining the points A  $(10, -6)$  and B  $(k, 4)$  and  $a - 2b = 18$ , find the value of  $k$  and the distance AB.
14. The centre of a circle is  $(2a, a - 7)$ . Find the values of  $a$  if the circle passes through the point  $(11, -9)$  and has diameter  $10\sqrt{2}$  units.
15. The line segment joining the points A  $(3, 2)$  and B  $(5, 1)$  is divided at the point P in the ratio  $1:2$  and it lies on the line  $3x - 18y + k = 0$ . Find the value of  $k$ .
16. If D  $\left(\frac{-1}{2}, \frac{5}{2}\right)$ , E  $(7, 3)$  and F  $\left(\frac{7}{2}, \frac{7}{2}\right)$  are the midpoints of sides of  $\Delta ABC$ , find the area of the  $\Delta ABC$ .
17. The points A  $(2, 9)$ , B  $(a, 5)$  and C  $(5, 5)$  are the vertices of a triangle ABC right angled at B. Find the values of  $a$  and hence the area of  $\Delta ABC$ .
18. Find the coordinates of the point R on the line segment joining the points P  $(-1, 3)$  and Q  $(2, 5)$  such that  $PR = \frac{3}{5}PQ$ .
19. Find the values of  $k$  if the points A  $(k + 1, 2k)$ , B  $(3k, 2k + 3)$  and C  $(5k - 1, 5k)$  are collinear.
20. Find the ratio in which the line  $2x + 3y - 5 = 0$  divides the line segment joining the points  $(8, -9)$  and  $(2, 1)$ . Also find the coordinates of the point of division.

## HOLIDAY HOME WORK

### CLASS 10 A/B

6. If angles A, B, C and D of the quadrilateral ABCD, taken in order, are in the ratio 3:7:6:4, then ABCD is a
- (A) rhombus (B) parallelogram  
(C) trapezium (D) kite
7. If bisectors of  $\angle A$  and  $\angle B$  of a quadrilateral ABCD intersect each other at P, of  $\angle B$  and  $\angle C$  at Q, of  $\angle C$  and  $\angle D$  at R and of  $\angle D$  and  $\angle A$  at S, then PQRS is a
- (A) rectangle (B) rhombus (C) parallelogram  
(D) quadrilateral whose opposite angles are supplementary
8. If APB and CQD are two parallel lines, then the bisectors of the angles APQ, BPQ, CQP and PQD form
- (A) a square (B) a rhombus  
(C) a rectangle (D) any other parallelogram
9. The figure obtained by joining the mid-points of the sides of a rhombus, taken in order, is
- (A) a rhombus (B) a rectangle  
(C) a square (D) any parallelogram
10. D and E are the mid-points of the sides AB and AC of  $\triangle ABC$  and O is any point on side BC. O is joined to A. If P and Q are the mid-points of OB and OC respectively, then DEQP is
- (A) a square (B) a rectangle  
(C) a rhombus (D) a parallelogram
11. The figure formed by joining the mid-points of the sides of a quadrilateral ABCD, taken in order, is a square only if,
- (A) ABCD is a rhombus  
(B) diagonals of ABCD are equal  
(C) diagonals of ABCD are equal and perpendicular  
(D) diagonals of ABCD are perpendicular.
12. The diagonals AC and BD of a parallelogram ABCD intersect each other at the point O. If  $\angle DAC = 32^\circ$  and  $\angle AOB = 70^\circ$ , then  $\angle DBC$  is equal to
- (A)  $24^\circ$  (B)  $86^\circ$  (C)  $38^\circ$  (D)  $32^\circ$
13. Which of the following is not true for a parallelogram?
- (A) opposite sides are equal  
(B) opposite angles are equal  
(C) opposite angles are bisected by the diagonals  
(D) diagonals bisect each other.

**HOLIDAY  
HOMEWORK  
CLASS 9 A/B**



7. The least integer lying between  $-10$  and  $-15$  is  
(A)  $-10$                   (B)  $-11$                   (C)  $-15$                   (D)  $-14$
8. On the number line, the integer  $5$  is located  
(A) to the left of  $0$                                   (B) to the right of  $0$   
(C) to the left of  $1$                                   (D) to the left of  $-2$
9. In which of the following pairs of integers, the first integer is not on the left of the other integer on the number line?  
(A)  $(-1, 10)$                   (B)  $(-3, -5)$                   (C)  $(-5, -3)$                   (D)  $(-6, 0)$
10. The integer with negative sign  $(-)$  is always less than  
(A)  $0$                           (B)  $-3$                           (C)  $-1$                           (D)  $-2$
11. An integer with positive sign  $(+)$  is always greater than

1. Name the type of triangle formed by the points A(-5, 6), B(-4, -2) and C(7, 5).
2. Find the points on the  $x$ -axis which are at a distance of  $2\sqrt{5}$  from the point (7, -4). How many such points are there?
3. What type of a quadrilateral do the points A(2, -2), B(7, 3), C(11, -1) and D(6, -6) taken in that order, form?
4. Find the value of  $a$ , if the distance between the points A(-3, -14) and B( $a$ , -5) is 9 units.
5. Find a point which is equidistant from the points A(-5, 4) and B(-1, 6)? How many such points are there?

**HOLIDAY  
HOME WORK  
CLASS 10A/B**

Write the correct answer in each of the following:

- Three angles of a quadrilateral are  $75^\circ$ ,  $90^\circ$  and  $75^\circ$ . The fourth angle is  
(A)  $90^\circ$             (B)  $95^\circ$             (C)  $105^\circ$             (D)  $120^\circ$
- A diagonal of a rectangle is inclined to one side of the rectangle at  $25^\circ$ . The acute angle between the diagonals is  
(A)  $55^\circ$             (B)  $50^\circ$             (C)  $40^\circ$             (D)  $25^\circ$
- ABCD is a rhombus such that  $\angle ACB = 40^\circ$ . Then  $\angle ADB$  is  
(A)  $40^\circ$             (B)  $45^\circ$             (C)  $50^\circ$             (D)  $60^\circ$
- The quadrilateral formed by joining the mid-points of the sides of a quadrilateral PQRS, taken in order, is a rectangle, if  
(A) PQRS is a rectangle  
(B) PQRS is a parallelogram  
(C) diagonals of PQRS are perpendicular  
(D) diagonals of PQRS are equal.
- The quadrilateral formed by joining the mid-points of the sides of a quadrilateral PQRS, taken in order, is a rhombus, if  
(A) PQRS is a rhombus  
(B) PQRS is a parallelogram  
(C) diagonals of PQRS are perpendicular  
(D) diagonals of PQRS are equal.

**HOLIDAY  
HOMEWORK  
CLASS 9 A/B**

29052014

**In questions 1 to 17, only one of the four options is correct. Write the correct one.**

1. Every integer less than 0 has the sign  
(A) +                      (B) -                      (C)                      (D) ÷
2. The integer '5 units to the right of 0 on the number line' is  
(A) +5                      (B) -5                      (C) +4                      (D) -4
3. The predecessor of the integer -1 is  
(A) 0                      (B) 2                      (C) -2                      (D) 1
4. Number of integers lying between -1 and 1 is  
(A) 1                      (B) 2                      (C) 3                      (D) 0
5. Number of whole numbers lying between -5 and 5 is  
(A) 10                      (B) 3                      (C) 4                      (D) 5
6. The greatest integer lying between -10 and -15 is  
(A) -10                      (B) -11                      (C) -15                      (D) -14

HOLI DAY HOME  
WORK  
class 6B

CLASS X

Giving suitable examples describe how we live in a global world.

What have been the major benefits of globalisation?

Where in your immediate surrounding have you experienced globalisation?

What are the minerals we use in our day to day lives? Where do these minerals come from?

Describe the location and productivity of a Power Plant in your surrounding?

Which Political party do you like the most and why?

Would you at some stage in your life like to join a Political Party? Give reasons to support your answer.

What is meant by credit?

How can creditworthiness be improved?

What are soft term loans?

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CLASS IX HOLIDAY HOMEWORK

How did Nazism destroy the social fabric of Germany?

Can you relate Hitler to a personality of our present times? Give reasons.

What is meant by Pauperisation?

What is a Pogrom?

What are the main factors influencing the climate of a place?

Collect some newspaper cutting showing the local climate?

Collect information about a Mausam Kendra?

Which National institution do you like the most and why?

What according to you are the lessons to be learnt from poverty?

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CLASS VIII HOLIDAY HOMEWORK

Make a list of some famous women personalities of India. Write in detail about any one of these.

Caste has divided the Hindu society since ages. How do you think we can remove this curse from our society?

What have been the reasons for the low industrial growth of Bihar?

Make a list of the major industries of Bihar.

Do we provide human privileges and care to the culprits in our judicial system?

Find out the names of some leading lawyers of our country. Write a few sentences about any one of them.

Mention about one new law which should be made in our country in addition to the existing laws.

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CLASS VII HOLIDAY HOMEWORK

Who built the Qutub Minar and why?

Why do rulers spend such time and money on construction great monuments?

What can you say about the architecture of the sultanate period?

What is the significance about the natural vegetation and wildlife?

Make a chart showing the biodiversity in our country.

What according to you is the role of the media in a democracy?

Who is your favourite media personality? What do you like about him/her?

The media can become the slave of the government. Comment

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## ENGLISH

CLASS

IX 'A'

## Autumn Break homework

- You enjoyed churga puja festival with Pomp and show and visited fair as well describe your feelings in one hundred to one fifty words through a diary entry.
- You and your friends recently watched India/Pakistan Asia cup cricket Match 2022 write a diary entry about it. (120 words)
- write and learn all rules of subject verb concord.
- Learn tense rules and structures.

## केन्द्रीय विद्यालय सीआरपीएफ मोकामाघाट

शरदकालीन अवकाश गृहकार्य कक्षा -9

1. दशहरा, राजभाषा हिंदी पर अनुच्छेद लिखो ।
2. रसखान के सवैया का संदर्भ सहित व्याख्या लिखो ।
3. प्रेमचंद के फटे जूते, सांवले सपनों की याद व काव्य खंड के सभी पाठों के प्रश्न उत्तर याद करें ।
4. समास के सभी भेदों से पांच- पांच उदाहरण लिखो ।
5. दो औपचारिक और दो अनौपचारिक पत्र लिखो ।
6. कोई बीस शब्द लिखो और उसके विलोम व समानार्थी शब्द भी लिखो ।

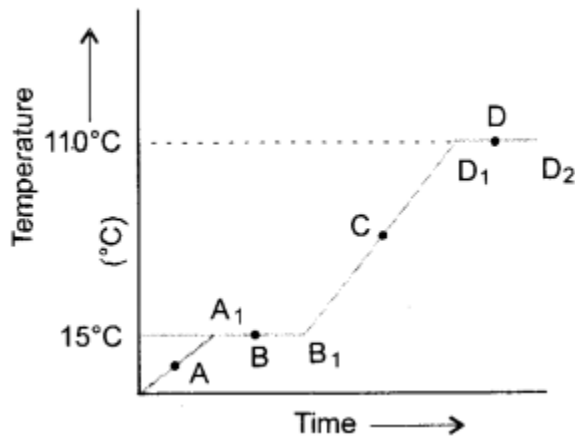
## Holiday Homework (Autumn Break 2022)

Class: IX

Subject: Science

Q.1 What is meant by particulate nature of matter ? List four characteristics of particle nature of matter.

Q.2 The temperature-time graph given below shows the heating curve for pure wax. From the graph answer the following :



1. What is the physical state of the substance at the points A, B, C and D ?
2. What is the melting point of the substance ?
3. What is its boiling point ?
4. Which portions of the graph indicates that change of state is taking place.
5. Name the terms used for heat absorbed during change of states involved in above processes.

Q.3 Draw a neat diagram of plant cell and label any three parts which differentiate it from animal cell.

Q.4 Draw a neat labelled diagram of an animal cell.

Q.5 Distinguish between distance and displacement.

Q.6 In a long distance race, the athletes were expected to take four rounds of the track such that the line of finish was same as the line of start. Suppose the length of the track was 200 m.

1. What is the total distance to be covered by the athletes ?
2. What is the displacement of the athletes when they touch the finish line ?
3. Is the motion of athletes uniform or non-uniform ?

Q.7 Why does a cricket player moves his hand backward while catching the ball?

Q.8 Write the different types of plant tissues and animal tissues in the form of flow chart.

Q.9 If a potted plant is covered with a glass jar, water vapour appears on the wall of the glass jar. Why?

Q.10 Identify colloids and true solutions from the following:  
Pond water, fog, aluminium paint, vinegar and glucose solution.

Q.11 Write the biography of three scientists.

Q.12 Define the following terms.

- (a) Freefall
- (b) Acceleration due to gravity
- (c) Mass
- (d) Weight

Note: Questions no.2,3,4,6,8,11 do on portfolio note book and remaining on HW copy.

Autumn vacation holiday home work

Class-9B

Subject-social science

1. Name the three 'Estates' into which the French society was divided before the Revolution.( उन तीन 'एस्टेट्स' के नाम बताइए जिनमें क्रांति से पहले फ्रांसीसी समाज विभाजित था।)
2. What was the slogan of the French revolutionaries?( फ्रांसीसी क्रांतिकारियों का नारा क्या था?)
3. With whom does the final decision-making power rest in a democracy?( लोकतंत्र में अंतिम निर्णय लेने की शक्ति किसके पास होती है?)
4. Name the main production activity of Palampur.( पालमपुर की मुख्य उत्पादन गतिविधि का नाम बताइए।)

### **Project work:-**

**SHOULD BE MINIMUM 20 PAGES.**

**DISASTER MANAGEMENT ( आपदा प्रबंधन) TOPICS (NATURAL AND HUMAN MADE ) ARE FOLLOWING**

**:-**

1. EARTHQUAKE भूकंप
2. FLOODS बाढ़
3. LANDSLIDES भूस्खलन
4. CYCLONES चक्रवात
5. DROUGHT सूखा
6. VOLCANIC ACTIVITY ज्वालामुखी गतिविधि
7. DISEASE EPIDEMICS रोग महामारी
8. ROAD ACCIDENT सड़क दुर्घटना
9. TERRORIST INCIDENTS आतंकवादी घटनाएं
10. DROUGHT सूखा
11. STORMS तूफान

### **FLOW OF PROJECT:-**

1. Acknowledgement
2. Preface प्रस्तावना
3. Index
4. Content - ( Introduction, Meaning, Types of disaster, Causes, Effects, Methods to control.) सामग्री - (परिचय, अर्थ, आपदा के प्रकार, कारण, प्रभाव, नियंत्रण के तरीके।)
5. Conclusion
6. Bibliography ग्रंथ सूची

**7. Teacher' remarks**

## **Autumn Break Homework**

### **Class Xth (A&B)**

1. You enjoyed Durga Puja festival with pomp and show and visited fair as well. Write a letter to your friend and explain your feelings
2. Revise Textbook chapter
3. Write and learn all rules of Active voice and Passive voice.
4. Write and learn all rules of Direct and indirect speech.
5. Learn Tense rules and structures.

## केन्द्रीय विद्यालय सीआरपीएफ मोकामाघाट

शरदकालीन अवकाश गृहकार्य कक्षा -10

1. दशहरा, दीपावली, स्वच्छता किसी दो पर अनुच्छेद 120 शब्दों में लिखो |
2. सूर के पद व राम लक्ष्मण परशुराम संवाद के पदों को पढ़ें अर्थ समझें व प्रश्न उत्तर याद करें |
3. पाठ्यक्रम में निराला व नागार्जुन कि कविताओं का संदर्भ सहित व्याख्या लिखें |
4. लखनवी अंदाज, साना- साना हाथ जोड़ो पाठों को पढ़ें व उसके प्रश्न उत्तर याद करें |
5. कोई दो औपचारिक पत्र व दो अनौपचारिक पत्र लिखो |



Autumn vacation holiday home work

Class-10B

1. Why is NREGA also called the Right to work? Explain the objectives of National Rural Employment Guarantee Act 2005. (नरेगा को काम का अधिकार क्यों कहा जाता है? राष्ट्रीय ग्रामीण रोजगार गारंटी अधिनियम 2005 के उद्देश्यों की व्याख्या करें।)

2. What was the Rowlatt Act? (रौलट एक्ट क्या था?)

3. What was the main reason to withdraw the Non-cooperation Movement? (असहयोग आंदोलन वापस लेने का मुख्य कारण क्या था?)

4. On the outline map of India show the following.

(1) Thermal & nuclear power plants:- (a) Ramagundam (b) Namrup (c) Narora (d) Kalpakkam (e) Tarapur

5. Project work:- Every student has to compulsorily undertake any one project on the following topics:-

Consumer Awareness उपभोक्ता जागरूकता

OR

Social Issues सामाजिक मुद्दे

OR

Sustainable Development सतत विकास

शारदीय अवकाश गृहकार्य , संस्कृत, 2022-23.

कक्षा--10

1. अपने संस्कृत पाठ्य पुस्तक से कोई पांच श्लोक याद कर भावार्थ सहित संस्कृत उत्तर पुस्तिका में लिखेंगे।
  2. छात्र प्रतिज्ञा एवं संख्यावाचिशब्दाः (1-100) तक याद कर संस्कृत उत्तर पुस्तिका में लिखेंगे।
  3. बोर्ड पैटर्न पर आधारित तीन प्रश्न- पत्र सेट , संस्कृत उत्तर पुस्तिका में बना कर लायेंगे।
  4. संस्कृत अनुवाद प्रत्येक दिन , बना कर लायेंगे, साथ ही सभी पाठों का पुनरावृत्ति कार्य भी करेंगे , जो पढ़ाई हो चुकी है।
- धन्यवाद ।

## Holiday Homework (Autumn Break 2022)

Class: X                      Subject: Science

**Q.1** What happens to zinc granules when dilute hydrochloric acid or sulphuric acid is added to it? Is there any change in its temperature?

**Q.2** Do you observe any change in the colour of ferrous sulphate crystals when they are heated in the boiling tube over the flame of a burner or spirit lamp?

**Q.3** Take a large shining spoon. Try to view your face in its curved surface.

Q.A. Do you get the image? Is it smaller or larger?

Q.B Move the spoon slowly away from your face. Observe the image. How does it change ?

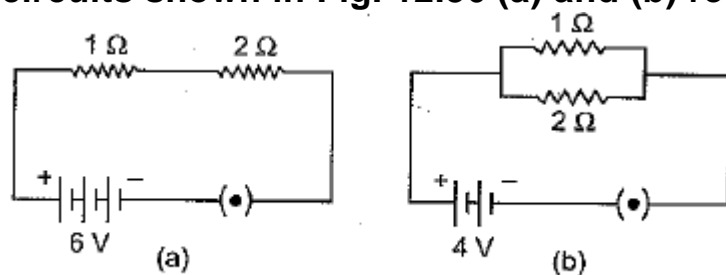
Q.C Reverse the spoon and repeat the Activity. How does the image look like now?

Q.D. Compare the characteristics of the image on the two surfaces.

Q.E Why do we see our image in the shining spoon?

Q.F.What types of mirrors are formed by the inner and outer curved surfaces of a spoon ?

**Q.4** Compare the power used in  $2\ \Omega$  resistor in each of the following circuits shown in Fig. 12.36 (a) and (b) respectively.



**Fig. 12.36**

**Q.5** Draw the symbols of commonly used components in electric circuit diagrams for

- (i) An electric cell
- (ii) Open plug key
- (iii) Wires crossing without connection
- (iv) Variable resistor
- (v) Battery
- (vi) Electric bulb
- (vii) Resistance

**Q.6** Draw a diagram of the front view of human heart and label any six parts including at least two that are concerned with arterial blood supply to the heart muscles.

**Q.7** In human alimentary canal, name the site of complete digestion of various components of food.

**Q.8** What is meant by amphoteric oxides? Choose the amphoteric oxides from the following :  $\text{Na}_2\text{O}$ ,  $\text{ZnO}$ ,  $\text{CO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{H}_2\text{O}$  .

Q.9(a) Why does calcium start floating when it reacts with water? Write the balanced chemical equation of the reaction.

(b) Name two metals which do not react with water

Q.10 The linear magnification produced by a spherical mirror is  $-1/5$ . Analysing the following: (i) type of spherical mirror and (ii) the position of the object with respect to the pole of the mirror. Draw ray diagram to justify your answer.

Q.11 The image of an object formed by a lens is of magnification  $-1$ . If the distance between the object and its image is 60 cm, what is the focal length of the lens? If the object is moved 20 cm towards the lens, where would the image be formed? State reason and also draw a ray diagram in support of your answer.

Q.12 "A ray of light incident on a rectangular glass slab immersed in any medium emerges parallel to itself." Draw labelled ray diagram to justify the statement"

Q.13 Name the hormones secreted by the following endocrine glands and specify one function of each: (a) Thyroid (b) Pituitary (c) Pancreas (d) Adrenal (e) Ovary

Q.14 Write the biography of two scientists.

Note: Questions no.2,4,5,6,10,11,12,14 do on portfolio notebook and remaining on HW.

CLASS X

Giving suitable examples describe how we live in a global world.

What have been the major benefits of globalisation?

Where in your immediate surrounding have you experienced globalisation?

What are the minerals we use in our day to day lives? Where do these minerals come from?

Describe the location and productivity of a Power Plant in your surrounding?

Which Political party do you like the most and why?

Would you at some stage in your life like to join a Political Party? Give reasons to support your answer.

What is meant by credit?

How can creditworthiness be improved?

What are soft term loans?

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CLASS IX HOLIDAY HOMEWORK

How did Nazism destroy the social fabric of Germany?

Can you relate Hitler to a personality of our present times? Give reasons.

What is meant by Pauperisation?

What is a Pogrom?

What are the main factors influencing the climate of a place?

Collect some newspaper cutting showing the local climate?

Collect information about a Mausam Kendra?

Which National institution do you like the most and why?

What according to you are the lessons to be learnt from poverty?

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CLASS VIII HOLIDAY HOMEWORK

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Caste has divided the Hindu society since ages. How do you think we can remove this curse from our society?

What have been the reasons for the low industrial growth of Bihar?

Make a list of the major industries of Bihar.

Do we provide human privileges and care to the culprits in our judicial system?

Find out the names of some leading lawyers of our country. Write a few sentences about any one of them.

Mention about one new law which should be made in our country in addition to the existing laws.

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CLASS VII HOLIDAY HOMEWORK

Who built the Qutub Minar and why?

Why do rulers spend such time and money on construction great monuments?

What can you say about the architecture of the sultanate period?

What is the significance about the natural vegetation and wildlife?

Make a chart showing the biodiversity in our country.

What according to you is the role of the media in a democracy?

Who is your favourite media personality? What do you like about him/her?

The media can become the slave of the government. Comment

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**Kendriya Vidyalaya CRPF, Mokamaghat**

**Class-XI Commerce**

**Autumn Break-Holiday Homework (2022-23)**

**Subject-Accountancy-055**

**Assignment**

1. Prepare theory of Introduction to accounting.
2. Write following concepts-Meaning and definition of accounting, features, advantages, limitations, types, users and qualitative characteristics of accounting. Basic accounting terms.
3. Prepare theory base of accounting.
4. Write following concepts- GAAP, accounting concepts and conventions, Basis of accounting, System of accounting.
5. Prepare vouchers. specimen should be enclosed.

**Instructions:- (To be followed strictly)**

Solve all these problems in homework side of fair copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as T.S.Grewal, D.K.Goel etc.

**Preference should be given to previous year session ending exam. Questions of related topics, CBSE sample paper questions, Question asked in CA.**

**Project**

**Prepare a comprehensive project on project file.**

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, establish an imaginary business, prepare vouchers, select at least 20 different transactions on different dates, prepare ledger only.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

**Note :- Date of submission for Assignment and project is 13/10/2022.(First day on re-opening of vidyalaya after Autumn Break )**

Sunil Kumar Jaiswara  
PGT.Comm.

Principal

# Kendriya Vidyalaya CRPF, Mokamaghat

Class-XI Commerce

Autumn Break -Holiday Homework (2022-23)

Subject-Business Studies-054

## **Assignment**

1. Solve all questions given at the end of chapter-01 in NCERT text book.(MCQ,VSAQ,SAQ and LAQ )
2. Solve all questions given at the end of chapter-02 in NCERT text book.(MCQ,VSAQ,SAQ and LAQ )
3. **Solve at least 02 case studies each from chapter -01 and 02 (total =04) =Free to select from any source but preference should be given to CBSE sample paper or session ending exam. question paper.**
4. **Do not copy line by line from text book, try to use your own language.**

**Instructions:-** (To be followed strictly)

Solve all these problems in homework side of fair copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as Sandeep garg, R.K.Singla, Poonam Gandhi etc.

## **Project**

**Prepare a project on project file on marketing. (Visit [www.cbseacademic.nic.in.>curriculum>2022-23>Senior secondary>group-A>Business Studies](http://www.cbseacademic.nic.in.>curriculum>2022-23>Senior secondary>group-A>Business Studies))**

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, why selected this project, Information about topic, market in local area,India and worldwide, estimated market value, market position, sales position ,competitor, strategy to increase sales and market share, use bar diagram, pie chart etc.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

**Note :- Date of submission for Assignment and project is 13/10/2022.(First day on re-opening of vidyalaya after Autumn Break )**

Sunil Kumar Jaiswara  
PGT.Comm.

Principal

**KENDRIYA VIDYALAYA , CRPF, MOKAMAGHAT**

**AUTUMN BREAK HOMEWORK- 2022-23**

**CLASS - XII'A'**

**SUB - BIOLOGY**

**SUB TR - HEMKAMAL**

1. Solve previous year questions of at least 4 years.
  2. Complete your practical notebook .
  3. Revise your taught lessons.
  4. Draw all diagrams contained in chapters 9 to 12.
  5. Complete your notes of taught lessons.
- 

**KENDRIYA VIDYALAYA , CRPF, MOKAMAGHAT**

**AUTUMN BREAK HOMEWORK- 2022-23**

**CLASS - XI'A'**

**SUB - BIOLOGY**

**SUB TR - HEMKAMAL**

1. Explain all the phylum of animal kingdom with their features.
2. Revise your notes of all the chapters till chapter 6.
3. Complete the notes of chapter 6 in your notebook.
4. Draw the diagrams of ;
  - (a) T.S. of monocot root and dicot root
  - (b) Secondary growth in dicot stem
  - (c) Different types of leaves
5. Write differences between:
  - (a) Parenchyma, Collenchyma, sclerenchyma
  - (b) Heartwood and sapwood
  - (c) True fruit and false fruit
6. Write and remember the scientific name of 20 plants and 30 animals.
7. Complete your practical notebooks.

# Chemistry - XI

## Autumn Break H.W.

- (I) Draw the Lewis dot structure of  $H_2CO_3^{2-}$ ,  $C_2H_2$ .
- (II) Differentiate b/w electronegativity and electron gain enthalpy.
- (III) What is dipole moment? show that dipole moment of  $BeH_2$  is zero.
- (IV) What is hybridisation? Describe the shape of  $sp^3$ ,  $sp^2$  and  $sp$  hybrid orbitals.
- (V) Differentiate between  $\sigma$ -bond &  $\lambda$  bond. write the number of  $\sigma$ -bond &  $\lambda$  bond in  $C_2H_2$  &  $C_2H_4$ .
- (VI) Discuss the shape of following molecule using VSEPR theory  
 $BeCl_2$ ,  $CH_4$ ,  $SF_6$ ,  $H_2O$ ,  $NH_3$ ,  $SF_4$
- (VII) Explain the shape of  $PCl_5$  and  $SF_6$  using hybridisation.
- (VIII) Use molecular orbital theory explain why  $He_2$  molecule does not exist.
- (IX) What is octet rule?
- (X) Calculate formal charge of each oxygen atom in ozone molecule.

**KENDRIYA VIDYALAYA CRPF MOKAMAGHAT**  
**AUTUMN BREAK ASSIGNMENT 2022**

**CLASS – XI A**

**SUBJECT – COMPUTER SCIENCE**

1. What is cyber safety ? Why is it important ?
2. What should you do to protect your identity on Internet ?
3. How do websites track you online ?
4. What are cookies ? How are they used by websites to track you ?
5. What is Private browsing ? Why is it considered a better way of browsing the Internet ?
6. What is confidentiality of information ? How do you ensure it ?
7. What is cyber crime ? How can you report it ?
8. Can you give an example of crime which is not cyber crime ?
9. What is cyber bullying and cyber stalking ?
10. What is identity fraud ?
11. What is digital footprint ? Why is it so important ?
12. Why are privacy settings of a social networking site so important ?
13. What are the usage rules for effective use of social networking sites ?
14. What is online fraud ? Give some examples.
15. What is credit card fraud ?
16. What is identity theft ?
17. What measures can you take to curb online frauds ?
18. Define these terms : (i) Phishing (ii) scam (iii) computer forensics (iv) Identity theft
19. What protection measures would you take against identity theft ?
20. What is computer forensics ? What important practices are followed in computer forensics ?

-----XXXXX-----

Class - XI<sup>th</sup>

Subject - Economics.

Micro-Economics.

- 1.) Define elasticity and explain different types of elasticity.
- 2.) Explain law of Demand
- 3.) Define Indifference Curve and explain its properties.
- 4.) Write an Essay on "Adam Smith"

Statistics

- 1.) Prepare short notes of all the chapters.
- 2.) Make a list of formula on A4 sheet.
- 3.) Solve all the exercise questions.
- 4.) Complete your copy.

**KVCRPF MOKAMAGHAT**

**HOLIDAY HOME -Work**

**(Autumn break) 2022-23**

**CLASS -XI A&B**

Subject-English.

**Q 1.**Read the passage given below and answer the questions that follow:

Loch Ness, the largest lake in the British Isles and the largest in Europe, is the principal basin of the Great Glen. Any possible underground passage from the Loch to the North Sea has long ago, been dammed by some two miles of river-brought silt, thus changing the original sea Loch into a fresh water lake. It has no curving outlines made by an indented shore or shallow bays: but instead, its riparian walls slice straight down, giving the appearance of an enormous ditch widening to 1.5 miles and extending approximately 23 miles from Inverness in the North to Fort Augustus at the southern end, where the Caledonian Canal continues into the Atlantic. Its depth exceeds 700 feet over much of its length, with the deepest point so far discovered of 975 feet. The coldest water remains at a fairly, constant 42 degrees warm enough to provide a home for literally millions of migration eels, which, according to ichthyologists have made their home here instead of going to the sea. Along the rocky shoreline, reddish-brown algae adheres to the stones, and in the shallows around the mouths of tributary rivers is an abundance of fresh water weeds and organic detritus, all a possible food source for eels brown trout, salmon and stickle bags. Hence, the biomass of the Loch is thought sufficient to support a population of large animals. The Loch inherits its name from the Greek water Goddess Nesa, whose spirit was thought to cause the many 'unnatural' occurrences in the area. If 'Ness' is given to feminine diminutive ending, it becomes 'Nessie' - the sobriquet for the Loch Ness Monster. The scientific name of, Nessiteras

rhombopteryx has been applied to Nessie by Sir Peter Scott, Chancellor of Birmingham University. The word Nessiteras combines the name of the Loch with the Greek word teras, genitive of teratos, which means a    marvel of wonder, arousing awe, amazement and often fear   . The word rhombopteryx is a combination of Greek rhombus, meaning a diamond or rhomboid shape, applies to any animal or group of animals known to science but applies specifically to the creature first recorded by St. Columba in A.D. 565. From a zoological point of view, to base a name on photographs rather than the remains of an animal is quite unsatisfactory, however, justified by the urgency to protect an endangered species and therefore permitted by the international Code of Zoological Answer the questions by choosing the appropriate option. 5m.

1.1. It can be, assumed from the passage that the Loch Ness Monster was thought to be \_\_\_\_\_.

a) a warm water creature b) observed in AD 565 c) created during the ice age d) fabricated during the middle ages

1.2. According to the passage, which of the following has been offered as evidence of existence of the Loch Ness Monster \_\_\_\_\_ .

a) photographs of the creature  
b) the lake's organic contents which are suitable food for such creatures.  
c) observations by zoologists  
d) discovery of the creature's remains

1.3. The word riparian refers to the

a) base of the river b) depth of the river  
c) bank of the river d) sludge in the river

1.4. When the author uses the    ichthyologists', he is referring to \_\_\_\_\_ .

a) Zoologists who study fish b) Conservationists  
c) Wildlife experts d) Geologists

1.5. Loch Ness is \_\_\_\_\_.

a) naturally formed b) formed from underground passage.



c) formed by a dam made by river silt d) man made

1.6. The creatures of the Loch feed on \_\_\_\_\_.

i) red algae and water weeds ii) organic detritus

iii) water weeds and silt iv) none of the above

Choose the right option:

a) i and ii b) ii and iii c) i and iii d) iv

Q.2. Read the passage given below and answer the questions that follow:

Of the 197 million square miles making up the surface of the globe, the interconnecting bodies of marine water cover 71 per cent; the Pacific Ocean alone covers half the earth and averages nearly 14000 feet in depth. The continents- Eurasia, Africa, North America, South America, Australia and Antarctica- are the portions of the continental masses rising above the sea level. The submerged borders of the continental masses are the continental shelves, beyond which lie the deep-sea basins.

The oceans attain their greatest depths not in their central parts, but in certain elongated furrows or long narrow troughs, called deeps. These profound troughs have a peripheral arrangement, notable around the border of the Pacific and the Indian oceans. The position of the deeps near the continental masses suggests that the deeps, like the highest mountains, are of recent origin, since otherwise they would have been filled with wastes from the lands. This suggestion is

strengthened by the fact that the deeps are frequently the sites of world-shaking earthquakes. For example, the 'tidal wave' that in April 1946 caused widespread destruction along Pacific coasts resulted from a strong earthquake on the floor of the Aleutian Deep.

The topography of the ocean floor is not too well known, since in great areas the available sounding are hundreds or even thousands of miles apart. However,

the floor of the Atlantic is becoming fairly well known as a result of special surveys since 1920. A broad well-defined ridge- the Mid Atlantic Ridge-runs north and south between Africa and the two Americas, and numerous other major irregularities diversify the Atlantic floor. Closely spaced soundings show that many parts of the oceanic floors are as rugged as mountainous regions of the continents. Use of the recently perfected method of echo sounding is rapidly enlarging our knowledge of submarine topography. During Second World War great strides were made in mapping submarine surfaces, particularly in many parts of the vast Pacific basin.

The continents stand on the average 2870 feet – slightly more than half a mile above the sea level. North America averages 2300 feet; Europe averages only 1150 feet and Asia, the highest of the larger continental subdivisions, averages 3200 feet. The highest point on the globe, Mount Everest in the Himalayas is 29000 feet above the sea; and as the greatest known depth in the sea is over 35000 feet or exceeds 12 miles. The continental masses and the deep-sea basins are relief features of the first order; the second order. The lands are unendingly subject to a complex of activities summarised in the term erosion, which first sculpts them in great detail and then tends to reduce them ultimately to sea level. The modelling of the landscape by weather, running water and the other agents is apparent to the keenly observant eye and causes thinning people to speculation what must be the final result of the ceaseless wearing down of the lands. Long before there was a science of Geology, Shakespeare wrote, —the revolution of the times makes mountains level||.

Answer the questions by choosing the correct option:

2.1. The revolution of the times as used in the final sentence means

- a) The passage of years
- b) The current rebellion
- c) The science of geology
- d) The action of the ocean floor.

2.2 The passage contains information, which would answer which of the following questions?

i) What is the highest point in North America? ii) Which continental subdivision is, on the average, 1150 feet above the sea

level?

iii) How deep is the deepest part of the ocean?

iv) Why are the surfaces plain on the land?

a) i and ii b) ii and iv c) ii and iii d) iv

2.3 From the passage, it can be inferred that earthquakes

- a) occur only in the peripheral furrows
- b) occur more frequently in newly formed land or sea formations
- c) are a prime cause of soil erosion
- d) will ultimately 'make mountains level'

2.4 Strong earth quakes in the deeps result in \_\_\_\_\_ .

- a) continental shelves
- b) tidal waves
- c) well defined ridges
- d) deep sea basins

2.5 Molesting the land, with complex destructive activities results in-

\_\_\_\_\_ .

- a) submergence of land into sea
- b) erosion
- c) levelling of land
- d) none of the above

2.6 Choose one statement that is true among the following:

- a) The tallest mountain on the earth measures greater than the depth of the deepest —Deep|| in the ocean.
- b) The tallest mountain on the earth measures lesser than the depth of the deepest —Deep|| in the ocean.
- c) The tallest mountain on the earth measures same as the depth of the deepest —Deep|| in the ocean.

d) All the above statements are false.

Q3. Read the passage given below and answer the questions that follow:

Every day, we put our trust in computing technology in the financial networks that drive the global economy, the aircraft control systems that guide thousands of flights safely to their destinations, the computers that store our documents at work and at home. Yet most people still do not count on computing the way they rely on electricity or the telephone. Individuals and businesses alike are concerned about the privacy, security and availability of their data, about upgrading their hardware, about how new applications might affect their systems. Until these concerns are addressed, computing's potential to enrich our daily lives will not be fully realized.

Right now, we are only scratching the surface of what computing technology can do. Already, networks of smart, connected devices make it possible for us to do business, communicate, learn and be entertained using everything from full-featured PCs to smart, handheld devices. And in the years ahead, a combination of inexpensive microchips and smart software will weave computing into almost every part of our lives. The advance of computing technology has in many ways, tracked the growth of electric power more than a century ago.

Manufacturing companies were among the first to use electricity, mostly to improve the productivity. However, in the home, it remained a novel luxury. Many people were reluctant to use the new electrical appliances, unsure of their safety and reliability. By the 1930s, however, technology advanced industry safety initiatives and gradual public acceptance led to a rapid increase in electricity use in many countries- the technology was still not fully trustworthy, but it was safe and reliable enough.

Today, the developed world takes electricity for granted. For computers to be taken for granted they must always be available wherever and whenever people need them, they must reliably protect personal information from misuse, give

people control over how their data is used and they must be unfailingly secure.

We call this concept Trustworthy Computing.

Making Trustworthy Computing a reality is both an immediate challenge and a long-term research goal. Trustworthy Computing technology is far more advanced and used in vastly different ways than, it was in the mid-20th century.

Yet the way we build computers and the way we largely design software and services around those computers, has not really changed much.

Answer the following by choosing the correct option:

3.1 The examples of computing technology that are put to everyday use do not include

- a) Financial network that drive the local economy
- b) The aircraft control systems that guide thousands of flights safely
- c) The computers that store our documents at work and at home
- d) None of the above

3.2 What can possibly follow the last line of the passage?

- a) Changes that need to be made to make Trustworthy Computing a reality
- b) Apologies for the state of affairs and details of research activities that are on
- c) The legal hurdles that have, to be overcome to enable wider connectivity
- d) None of the above

3.3 The writer draws an analogy between public acceptance of computing technology and

- a) industry initiatives
- b) manufacturing companies
- c) electric power
- d) all of the above

3.4 The author uses the word 'weave' in the passage to imply

- a) a smooth blend of technology with our daily lives
- b) a combination of inexpensive microchips and smart phones
- c) the marvel of easy software

d) none of the above

3.5 Trustworthy Computing does not include

a) availability of computers anytime and anywhere

b) securing personal information from misuse

c) controlling usage of others data

d) reliably protecting personal information

3.6 The word|| REALIZED|| in the passage, means the same as

a) not wanting

b) accomplished

c) unwilling

d) trustworthy

Q.4.write the summary of the poem the laburnum top.

Q5. Do the text questions of the laburnum top .

Q6. Do the text questions 1.2.3. of the mother's day.

Q.7.Write a letter to the Editor of National Herald, New Delhi about water scarcity in your locality suggesting ways to improve the position of water supply. You are Reema of Ghaziabad.

Q.8.Draw a poster for save the girl child campaign.

Q.9.Draw a poster for the opening of a water treatment plant in your locality.

Q.10.Sanjay being a conscientious citizen is pained to see how Indian Democracy has become a luxury for rich. He decided to present his views in the form of a speech.

Q.11. Rajeev runs a health club. He is surprised to find a large number of people seeking membership in his club. He had also observed that the members are of high profile and are health conscious. Rajeev decided to write a debate on people who are health conscious but some are over conscious that is harmful

Q.12.Radhika is disturbed to see the visuals of ocean animals dying due to the plastic waste. She decided to write a speech about plastic and its impact on life forms.

केंद्रीय विद्यालय

डीआरपीएफ मोकामाघाट, पटना

21/1/24

अवकाश गृहकार्य

कक्षा - 11 वी, विषय - हिंदी

(1) जनसंख्या पर निबंध लिखें (आज है)

(2) राम का दरोगा कहानी का सारांश लिखें।

कक्षा - 12 वी

(1) पुत्र के विवाह के लिए माता-पिता आज निर्भर हैं, विषय पर लिखें (कहानी है)

(2) शहीद के फूल पाठ का सारांश लिखें।

मनोज कुमार  
पटना, बिहार

# Mathematics XI

## Autumn break Homework

1. For a positive integer  $n$ , find the value of  $(1-i)^n \left(1-\frac{1}{i}\right)^n$ .
2. Evaluate  $\sum_{n=1}^{13} (i^n + i^{n+1})$ , where  $n \in \mathbf{N}$ .
3. If  $\left(\frac{1+i}{1-i}\right)^3 - \left(\frac{1-i}{1+i}\right)^3 = x + iy$ , then find  $(x, y)$ .
4. If  $\frac{(1+i)^2}{2-i} = x + iy$ , then find the value of  $x + y$ .
5. If  $\left(\frac{1-i}{1+i}\right)^{100} = a + ib$ , then find  $(a, b)$ .
6. If  $a = \cos \theta + i \sin \theta$ , find the value of  $\frac{1+a}{1-a}$ .
7. If  $(1+i)z = (1-i)\bar{z}$ , then show that  $z = -i\bar{z}$ .
8. If  $z = x + iy$ , then show that  $z\bar{z} + 2(z + \bar{z}) + b = 0$ , where  $b \in \mathbf{R}$ , represents a circle.
9. If the real part of  $\frac{\bar{z}+2}{z-1}$  is 4, then show that the locus of the point representing  $z$  in the complex plane is a circle.
10. Show that the complex number  $z$ , satisfying the condition  $\arg\left(\frac{z-1}{z+1}\right) = \frac{\pi}{4}$  lies on a circle.
11. Solve the equation  $|z| = z + 1 + 2i$ .



**Kendriya Vidyalaya CRPF, Mokamaghat**

**Class-XII Commerce**

**Autumn Break-Holiday Homework (2022-23)**

**Subject-Accountancy-055**

**Assignment**

1. Prepare theory of dissolution of partnership firm.
2. Solve 5 problems related with dissolution of firm. (only journal entries)
3. Solve 5 problems related with dissolution of partnership firm. ( Numerical )
4. Solve 3 problems related with issue of shares. (Par, Premium and Discount-1 each)
5. Solve 1 problems related with Calls in advance.
6. Solve 1 problems related with Calls in arrears.
7. Solve 3 problems related with showing share capital in company's balance sheet.(with different cases)
8. Solve 5 problem related with Consideration other than cash. (Purchase of assets, purchase of business, Goodwill etc.)
9. Solve 5 problems related with forfeiture and re-issue of shares.
10. Prepare theoretical portion of company account-concept, features, type of shares, type of preference shares etc.

**Instructions:- (To be followed strictly)**

Solve all these problems in homework side of fair copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as T.S.Grewal, D.K.Goel etc.

you can solve illustrations also but it should be maximum 7 out of total 28 problems.

**Preference should be given to previous year board exam. Questions of related topics, CBSE sample paper questions, Question asked in CA.**

**Project**

**Prepare a comprehensive project on project file.**

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, establish an imaginary business, prepare vouchers, select at least 20 different transactions on different dates, prepare ledger, prepare trial balance, assume any 5 adjustment along with value of closing stock. prepare financial statement.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

(If comprehensive project prepared during summer vacation, do review of project.)

**Note :- Date of submission for Assignment and project is 13/10/2022.(First day on re-opening of vidyalaya after Autumn Break )**

Sunil Kumar Jaiswara  
PGT.Comm.

Principal

Kendriya Vidyalaya CRPF, Mokamaghat

Class-XII Commerce

Autumn Break -Holiday Homework (2022-23)

Subject-Business Studies-054

**Assignment**

1. Solve all questions given at the end of chapter-08 in NCERT text book.(MCQ,VSAQ,SAQ and LAQ )
2. Solve all questions given at the end of chapter-09 in NCERT text book.(MCQ,VSAQ,SAQ and LAQ )
3. Solve all question related with chapter -01 to 09 from sample paper published by CBSE-2022-23.-**Mandatory**
4. Solve all questions related with chapter-01 and 09 from last three years board question paper available with solution on [www.cbseacademic.nic.in](http://www.cbseacademic.nic.in)
5. **Solve at least 02 case studies each from chapter -01 to 09 (total =18) =Free to select from any source but preference should be given to CBSE sample paper or board question paper.**
6. **Do not copy line by line from text book, try to use your own language.**

**Instructions:-** (To be followed strictly)

Solve all these problems in homework side of fair copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as Sandeep garg, R.K.Singla, Poonam Gandhi etc.

**Project**

**Prepare a project on project file on marketing. (Visit [www.cbseacademic.nic.in.>curriculum>2022-23>Senior secondary>group-A>Business Studies](http://www.cbseacademic.nic.in.>curriculum>2022-23>Senior secondary>group-A>Business Studies))**

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, why selected this project, select a product from product list there, take 5 competitive brands, collect required information, sales in India and worldwide, estimated market, market position, sales position ,competitor, strategy to increase sales and market share, use bar diagram, pie chart etc.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

***(If comprehensive project prepared during summer vacation, do review of project.)***

**Note :- Date of submission for Assignment and project is 13/10/2022.(First day on re-opening of vidyalaya after Autumn Break )**

Sunil Kumar Jaiswara  
PGT.Comm.

Principal

**KENDRIYA VIDYALAYA , CRPF, MOKAMAGHAT**

**AUTUMN BREAK HOMEWORK- 2022-23**

**CLASS - XII'A'**

**SUB - BIOLOGY**

**SUB TR - HEMKAMAL**

1. Solve previous year questions of at least 4 years.
  2. Complete your practical notebook .
  3. Revise your taught lessons.
  4. Draw all diagrams contained in chapters 9 to 12.
  5. Complete your notes of taught lessons.
- 

**KENDRIYA VIDYALAYA , CRPF, MOKAMAGHAT**

**AUTUMN BREAK HOMEWORK- 2022-23**

**CLASS - XI'A'**

**SUB - BIOLOGY**

**SUB TR - HEMKAMAL**

1. Explain all the phylum of animal kingdom with their features.
2. Revise your notes of all the chapters till chapter 6.
3. Complete the notes of chapter 6 in your notebook.
4. Draw the diagrams of ;
  - (a) T.S. of monocot root and dicot root
  - (b) Secondary growth in dicot stem
  - (c) Different types of leaves
5. Write differences between:
  - (a) Parenchyma, Collenchyma, sclerenchyma
  - (b) Heartwood and sapwood
  - (c) True fruit and false fruit
6. Write and remember the scientific name of 20 plants and 30 animals.
7. Complete your practical notebooks.

Chemistry - XII  
Autumn Break H.W

Q. Write the following reactions

- i) Sandmeyer's
- ii) Finkelstein
- iii) Swartz
- iv) Wurtz
- v) Fittig
- vi) Wurtz-Fittig
- vii) Friedel-Crafts
- viii) Kolbe
- ix) Reimer-Tiemann
- x) Williamson
- xi) Friedel-Crafts reaction for anisole
- xii) Rosenmund
- xiii) Stephan
- xiv) Etard
- xv) Gatterman-Koch
- xvi) Friedel-Craft acylation of benzene.
- xvii) Cross-Aldol Condensation.
- xviii) Aldol Condensation
- xix) Cannizzaro
- xx) Clemmensen
- xxi) Wolff-Kishner
- xxii) Ozonolysis
- xxiii) Preparation of Grignard reagent
- xxiv) Preparation of alcohol by Grignard reagent
- xxv) Nitration of anisole.

**KENDRIYA VIDYALAYA CRPF MOKAMAGHAT**  
**AUTUMN BREAK ASSIGNMENT 2022**

**CLASS – XII A**

**SUBJECT – COMPUTER SCIENCE**

1. What is SQL?
2. Define the following terms: Field, Record, Table.
3. What are DDL and DML statements?
4. What is a base table?
5. Differentiate between WHERE and HAVING clause.
6. What is NULL value?
7. What is a NOT NULL constraint?
8. What is the purpose of GROUP BY clause?
9. What is HAVING clause?
10. What do you mean by Primary Key? Give a suitable example of a Primary Key from a table containing some meaningful data.
11. Define a Foreign Key.
12. Define the various SQL Constraints.
13. Define a candidate key with example.
14. What is a datatype? Name some datatypes available in MySQL.
15. Differentiate between char and varchar datatypes.

-----XXXXXX-----

class - XII<sup>th</sup>  
Subject - Economics.

- \* Solve Previous year question paper from 2019 - 2022
- \* Prepare short notes of every chapter (one line statement)
- \* Complete Indian Economy notes
- \* Revise chapter 5 and 6 [Macro-Economics.]

**Holiday home work**  
**Class- XII A+B**  
**Subject- English**

<b>Short answer Question: 2 Marks</b>	
<b>Evaluation Criteria:</b>	
<b>Questions to be answered in 30-40 words</b>	
<b>Content: 1 Mark</b>	
<b>Expression:1 Mark</b>	
( Deduct ½ mark for two or more grammatical spelling mistakes)	
<b>Name of the Book : Flamingo</b>	
<b>Lesson : 1</b>	<b>The Last Lesson</b>
<b>1</b>	Once identity seems to be associated with one's native language how is this brought out in the last lesson?
<b>2</b>	One scarcely feels the value and worth of a person until one comes to realise his or her loss justify the statement with reference to the last lesson?
<b>3</b>	A teacher is probably never seen defending the weakness of students but sentiments and emotions prove it wrong how do you see it in the last lesson?
<b>4</b>	'Can they even make pigeons sing in German' seems to be suggesting that it is virtually impossible to suppress one's nature. Validate the statement with reference to the last lesson?
<b>5</b>	When a people are enslaved as longest hold fast to their language, it is as if they had the key to the prison. justify the statement with reference to the last lesson.
<b>Lesson : 2</b>	<b>Lost Spring</b>
<b>6</b>	Bring out the contrast drawn between his life in reality and the meaning of his name?
<b>7</b>	Why does the hole in the shoe not bother Saheb?
<b>8</b>	Why is Mukesh content to dream only of cars and not of planes?
<b>9</b>	Why are promises to the poor rarely kept?
<b>10</b>	Bring out from the lesson the pathetic condition of children working in inhuman conditions?
<b>Lesson : 3</b>	<b>Deep Water</b>
<b>11</b>	What strategy did he remember as he went down the water?
<b>12</b>	What effect did the drowning in the YMCA pool have on Douglas?
<b>13</b>	What method did he adopt to overcome terror?
<b>14</b>	The childhood fear and the way he overcomes it brings about a deeper meaning to the readers. Bring out how the negative traits can be changed into positive traits with reference to the techniques used by Douglas?
<b>15</b>	Bring out the significance of the `yellow water` though he has specifically mentioned that the water was as clean and clear as the bathtub before experiencing drowning.
<b>Lesson : 6</b>	<b>Poets and Pancakes</b>
<b>16</b>	What caused the lack of communication between the Englishman and the people at Gemini Studio?
<b>17</b>	Through the mention of Robert Clive, how does the narrator bring out the extravaganza of

	those in power?
18	why did the office boy come to the author? Why was the author praying for crowd shooting?
19	Subbu was charitable and improvident, yet he had enemies. Why?
20	Describe the Moral Re-Armament Army's visit to Gemini Studios?
<b>Lesson : 7</b>	<b>The Interview</b>
<b>21</b>	What do you think were the distinguishing features of his novel 'The Name of the Rose'?
<b>22</b>	Why, according to Umberto Eco, were the journalists puzzled at the popularity of the novel 'The Name of the Rose'?
<b>23</b>	What impression do you form about Umberto Eco as a scholar and writer on the basis of "The Interview."?
<b>24</b>	Highlight the importance of interview; its drawbacks, positive aspects and reactions of celebrity writers based on the The Interview.
<b>25</b>	What was distinctive about Eco 's academic writing style ?



केंद्रीय विद्यालय

डीआरपीएफ मोकामाघाट, पटना

21/1/24

अवकाश गृहकार्य

कक्षा - 11 वी, विषय - हिंदी

(1) जनसंख्या पर निबंध लिखें (आज है)

(2) राम का दरोगा कहानी का सारांश लिखें।

कक्षा - 12 वी

(1) पुत्र के विवाह के लिए माता-पिता आज निर्भर हैं, विषय पर लिखें (कहानी है)

(2) शहीद के फूल पाठ का सारांश लिखें।

मनोज कुमार  
पटना, बिहार

1. Write down a unit vector in XY-plane, making an angle of  $30^\circ$  with the positive direction of x-axis.
2. Find the scalar components and magnitude of the vector joining the points  $P(x_1, y_1, z_1)$  and  $Q(x_2, y_2, z_2)$ .
3. A girl walks 4 km towards west, then she walks 3 km in a direction  $30^\circ$  east of north and stops. Determine the girl's displacement from her initial point of departure.
4. If  $\vec{a} = \vec{b} + \vec{c}$ , then is it true that  $|\vec{a}| = |\vec{b}| + |\vec{c}|$ ? Justify your answer.
5. Find the value of  $x$  for which  $x(\hat{i} + \hat{j} + \hat{k})$  is a unit vector.
6. Find a vector of magnitude 5 units, and parallel to the resultant of the vectors  $\vec{a} = 2\hat{i} + 3\hat{j} - \hat{k}$  and  $\vec{b} = \hat{i} - 2\hat{j} + \hat{k}$ .
7. If  $\vec{a} = \hat{i} + \hat{j} + \hat{k}$ ,  $\vec{b} = 2\hat{i} - \hat{j} + 3\hat{k}$  and  $\vec{c} = \hat{i} - 2\hat{j} + \hat{k}$ , find a unit vector parallel to the vector  $2\vec{a} - \vec{b} + 3\vec{c}$ .
8. Show that the points A (1, -2, -8), B (5, 0, -2) and C (11, 3, 7) are collinear, and find the ratio in which B divides AC.
9. Find the position vector of a point R which divides the line joining two points P and Q whose position vectors are  $(2\vec{a} + \vec{b})$  and  $(\vec{a} - 3\vec{b})$  externally in the ratio 1 : 2. Also, show that P is the mid point of the line segment RQ.
10. The two adjacent sides of a parallelogram are  $2\hat{i} - 4\hat{j} + 5\hat{k}$  and  $\hat{i} - 2\hat{j} - 3\hat{k}$ . Find the unit vector parallel to its diagonal. Also, find its area.
11. Show that the direction cosines of a vector equally inclined to the axes OX, OY and OZ are  $\pm \left( \frac{1}{\sqrt{3}}, \frac{1}{\sqrt{3}}, \frac{1}{\sqrt{3}} \right)$ .
12. Let  $\vec{a} = \hat{i} + 4\hat{j} + 2\hat{k}$ ,  $\vec{b} = 3\hat{i} - 2\hat{j} + 7\hat{k}$  and  $\vec{c} = 2\hat{i} - \hat{j} + 4\hat{k}$ . Find a vector  $\vec{d}$  which is perpendicular to both  $\vec{a}$  and  $\vec{b}$ , and  $\vec{c} \cdot \vec{d} = 15$ .
13. The scalar product of the vector  $\hat{i} + \hat{j} + \hat{k}$  with a unit vector along the sum of vectors  $2\hat{i} + 4\hat{j} - 5\hat{k}$  and  $\lambda\hat{i} + 2\hat{j} + 3\hat{k}$  is equal to one. Find the value of  $\lambda$ .
14. If  $\vec{a}$ ,  $\vec{b}$ ,  $\vec{c}$  are mutually perpendicular vectors of equal magnitudes, show that the vector  $\vec{c} \cdot \vec{d} = 15$  is equally inclined to  $\vec{a}$ ,  $\vec{b}$  and  $\vec{c}$ .

## Mathematics XII Homework