## Kendriya Vidyalaya RRC Fatehgarh

Summer Vacation Holiday home work

## Class 2nd

Note: This homework is given only for two weeks(25may 2020 to 8 june 2020)
1.Do all the assignments in a neat and legible handwriting in your regular class notebook.
2.Parents are requested to just guide the children to complete the task on their own.
3.Put date While doing the work daily.
4.Maintain proper index in the homework copy.
5. You have to submit this work on 8.06.20.
6.Take sign of parents after completing work of each subject.
विषय- हिंदी


1) आपको घर में रहना कैसा लग रहा है ? आप बहुत दिनों से विद्यालय भी नहीं गए है। अपने इस अनुभव को 5 पंक्तियों में व्यक्त कीजिये ।
2) घर में दादा- दादी या माता- पिता से कोई दो गीत सुनो जो अलग-अलग अवसर पर गाए जाते है ,उन्हें याद करो ।
3) 1 से 10 तक की गिनती शब्दों में लिखो ।
4) मात्राओं के फ्लैश कार्ड बनाओ ।
5) म्याऊँ- म्याऊँ कविता का लयपूर्वक सस्वर वाचन करो और कविता को याद करो ।
6) कोरोना वायरस से किस प्रकार बचाव किया जा सकता है :जैसे बार-बार साबुन से हाथ धोना, घर से बाहर निकलते समय मुँह पर मास्क....... आदि लिखो।
7) निम्नलिखित मुहावरों के अर्थ लिखो ।

आँख का तारा
नो दो ग्यारह होना
पेट में चूहे कूदना
नाक में दम करना घोड़े बेचकर सोना
8) अ और आ की मात्रा वाले 10 वस्तुओं के चित्र स्क्रैप बुक में चिपकाए ।

## Subject-English

1.Write five pages handwriting.
2. Use 'ing' with these words(read,write,eat,reach,play,bath,walk, teach,talk and speak) and make new sentences from these words ( Please don't copy from internet, try to make your own sentences ).
3.Write 10 lines on "Summer weather".
4.Draw and colour-
A)A picture of your school.
B)A picture of home.
C)A picture of sun rise scene.
5.Read one story of English daily from 'bolo' app.

## SUBJECT-EVS

1. Solve the following riddles related to fruits and vegetables. draw the following fruits and vegetables and also write their name in your notebook.
a. I am yellow take off my peel before you eat me .
b. I have a hard thorny outside.my yellow inside is supersweet.
c. I am green and have seeds inside,eat me in your next salad.
d. I am orange and grow down deep in the soil,you eat my root.
e. I have a green hard rind,I am usually eaten in the summer.
f. I am red in colour,my shape is round.lot of water and seeds are inside me.i am a vegetable.
g. I am purple and oval.i have a crown on my head.my first letter is $\mathbf{B}$.
h. I am fruit and also a colour.i start with O .
2.Write and learn five living and five non living things.
3.Collect some objects from your home And take a pot filled with water. Put the objects you have collected in the water and see which objects float in the water and which objects sinks in the water.(Don't write it only you have to do it)
4.Explain five good and five bad habits and make a video of it.
2. Make a drawing and paint it with the help of a vegetable.
6.Write the name of following foods.

3. Write and Recite the following poem about family.

## Family

The first people to know you The ones who gave you a name

## They give you Love <br> And a place to belong;

The root from which you came.
Cherish them whiLe you have them..... When they're gone, it's never the same.

Sub- Maths
Q1. Write number names from 1-100

Q2. Do 10 questions on ascending and descending order each.
Q3. Do 10 questions on addition and subtraction each.
Q4. Draw five objects of the following shapes from your surroundings.

## Circle

Square
Triangle
Rectangle
Q5. Draw a Rangoli design using different shapes and colour it.

## Sub-Physical Fitness

Wake up early in the morning.
Do some activities at home:-
(a) balance on your left foot for a count of 10.
(b) do 5 push-ups.
(c) jump up and down 10 times.
(d) bend down and touch your toes 5 times.
(e) jump rope .

Perform Surya Namaskar daily .
4 Practice anulom -vilom .

## Sub-Work Experience

1 Draw any 5 pictures with the help of water colour and tooth brush ( spray painting).

2 Draw flower painting with the help of water colour and fork .

## Sub-Drawing,art and craft

1)सभी विद्यार्थी अपने मनपसंद फलों के चित्र बनाकर उनके वैक्स कलर से रंग भरें ।
2)सभी छात्र मनपसंद दो जानवरों के चित्र बनाएं और उन में रंग भरे ।

## केन्द्रीय विद्यालय आर आर सी फतेहगढ़

## KENDRIYA VIDYALAYA RRC FATEHGARH

(26 MAY 2020 TO 08 JUN 2020)
ग्रीष्मकालीन अवकाश गृह कार्य (सभी विषय)
विषय:- हिन्दी

## तुतीय सप्ताह

1." बहादुर बित्तों" कहानी को पढ़े और कहानी का एक सुंदर चित्र बनाए।
2. आठ- आठ पालतू और जंगली जानवरों के नाम लिखो।
3. अपने पसंदीदा जानवर का एक मुखौटा बनाए।

## चतुर्थ सप्ताह

1. शेर और घोड़े में कई अंतर होते हैं। ध्यान से सोचकर नीचे लिखो।

|  | शेर | घोड़ा |
| :--- | :--- | :--- |
| खाना |  |  |
| घर |  |  |
| रंग |  |  |
| आदतें |  |  |

2. बहादुर बित्तों कहानी में से ज़ पर लगे नुक्ते वाले पांच शब्द ढूंढ़ कर लिखो। 1. $\qquad$ 2. 3. 4. $\qquad$ 5.
3. क)आपको बहादुर बित्तों कहानी की सबसे मज़ेदार बात कौन सी लगी और क्यों?

ख) आपको कहानी का कौन सा पात्र सबसे ज्यादा पसंद आया और क्यों?

## Book reading

 तुतीय सप्ताहRead the following books:-

1. " A bag of gold coins"

Observe the plants planted or available in your house and make a list of them, try to write some information about the plants.

Make a beautiful model from the material available in your house (Using News papers,mithai boxes,Clothes) and send a picture after completing it.


## 3. Write the poem " Water O Water " in neat and clean handwriting.



* Tick $(\checkmark)$ the activities for which water is needed.
to play $\square \quad$ to sing $\square$ to row a boat $\square$
$\square$ to make tea $\qquad$ to knead dough $\square$
to run a fan $\square$ to paint pictures $\square$ to grow plants $\square$
WEEK 4


Think and write :

- When I am sad, I go to my
- When I want to know about the past, I go to my
- When I want to share my secrets, I go to my
$\qquad$ -
- When I do something wrong, I go to my $\qquad$ -.


In this Summer,Place a pot filled with water on your house roof for birds and fill that pot with water every day.

## SUBJECT:- MATHEMATICS WEEK 3

1. Write counting from 500 to 600 and the numbers names.
2. Make a paper clock .
3. Suman has 455 rupees and Rajat has 380 rupees. How much total rupees do they have?

## WEEK 4

1. Use the dot grid on A4 sheets to draw your own designs and shapes.
2. Fill in the blanks
a. 102030 _
b. $51015 \_25$
c. 147 ——
d. $24 —$ - 10
3. Draw top view of
a. Car
b. Book
c. Glass.

## English For week 3rd \& 4th

## -1)Do 10 pages handwriti|ng neatly.

- 2) Read your English textbook daily to develop reading competency.
-3)Recite and learn poem "Good Morning". - 4)Find hard word from chapter"the magic garden.

छात्रों के लिए आवश्यक सूचनाएं:-
यह आपका तृतीय तथा चतुर्थ सप्ताह का गृह कार्य है जिसे आपको दिनांक 26-05-2020 से 08-06-2020 तक पूर्ण करना है। प्रथम एवं द्वितीय सप्ताह का गृह कार्य आपने पूर्ण कर लिया होगा, उसे सम्बन्धित विषय शिक्षक के पास व्हाट्स एप के द्वारा भेज दें।
इस गृहकार्य को दो सप्ताह के दिनों में बराबर से नियोजित कर ले और उसी दिन उसे पूरा कर लें, इससे छात्रों पर अतिरिक्त भार नहीं पड़ेगा। जिस दिन आप जो कार्य पूर्ण कर रहे है उस दिन की दिनांक/तिथि जरूर लिखे और उसपर अभिभावकों के हस्ताक्षर लें।
आप द्वारा पूर्ण किए गए गृहकार्य की अनुक्रमणिका (इन्डेक्स) जरूर लिखे। दिए गए समयकाल में कार्य अच्छे से पूर्ण कर विषय अध्यापक के पास जमा कर दें, यदि आपको कोई समस्या हो तो आप अपने विषय अध्यापक तथा कक्षाध्यापक से निसंकोच संपर्क कर सकते है।

## CLASS 3:-

 WET1. make jumping frog, caterpillar, peacock, rabbit and butterfly with the help of paper.
2. make different types of flowers by using colour paper.
3. make a pair of parrot by using year 2020.

## Holiday Homework (Class 4)

Week 3 and 4
(From 25.5.20 to 7.6.20)
Instructions

1. Do all the Assignment in a neat and legible handwriting in the Homework notebook
2. Write date white doing work.
3. Maintain proper index in the separate homework copy you have already made.
4. You have to submit this work on 7.06.20 on your whatsapp class group.
5. Take sign of parents after completing work of each subject.
6. Submit work of week 1 and 2 in your class whatsapp group positively on 25.5.20, before starting work of week 3 and 4

EVS

## Week 3

1. Colour and decorate a clay pot.
2. Draw and colour Khejadi tree and write its importance in 5 lines.

## Week 4

1. Paste newspaper cutting of any 3 famous sports personalities with the name of game.
2. Write recipe of fruit chaat with names of ingredients.

Maths

Week 3 and 4

1. Learn and write tables from 21 to 25
2. Do the worksheet:

## Reading Clock - Hours

Read the clock and write the time.
1)

2)

3)


Time: $\qquad$ Time: $\qquad$ Time: $\qquad$
4)

5)

6)


Time: $\qquad$ Time: $\qquad$ Time: $\qquad$
7)

8)

9)


Time: $\qquad$ Time: $\qquad$ Time: $\qquad$
1)

$$
\begin{array}{r}
4705 \\
2648 \\
\hline
\end{array}
$$

2) 

$$
\begin{array}{r}
7273 \\
-1591 \\
\hline
\end{array}
$$

3) 

$$
\begin{array}{r}
5079 \\
-3418 \\
\hline
\end{array}
$$

4) 

$$
\begin{array}{r}
7123 \\
2641 \\
\hline
\end{array}
$$

5) 


6)

$$
\begin{array}{r}
5012 \\
-2764 \\
\hline
\end{array}
$$

7) 

$$
\begin{array}{r}
6905 \\
-3522 \\
\hline
\end{array}
$$

8) 

$$
\begin{array}{r}
8538 \\
-4761 \\
\hline
\end{array}
$$

9) 

$$
\begin{array}{r}
9013 \\
-5638 \\
\hline
\end{array}
$$

10) 

$$
\begin{array}{r}
7265 \\
-5944 \\
\hline
\end{array}
$$

11) 

$\begin{array}{r}4371 \\ -2976 \\ \hline\end{array}$
12)

$$
\begin{array}{r}
6475 \\
-4328 \\
\hline
\end{array}
$$

13) 

$$
\begin{array}{r}
8011 \\
-2735 \\
\hline
\end{array}
$$

14) 

$$
\begin{array}{r}
8479 \\
-4596 \\
\hline
\end{array}
$$

15) 

$$
\begin{array}{r}
7105 \\
-4966 \\
\hline
\end{array}
$$

3) Match the following:
a) $5+5+5+5$
$7 \times 4$
$3 \times 7$
$2 \times 6$
$4 \times 5$
$5 \times 4$
$7 \times 3$
4) True or False
a) 2 Added 3 Times is same as $2 \times 3$
b) 3 Groups of 3 Apples is same as $3+3+3+3$ $\square$
c) Repeated addition means Multiplication

d) ' + ' is the sign for multiplication $\square$
e) $4 \times 5$ is equal to 5 times 4 $\square$
f) $7+7+7+7=7 \times 5$ $\square$
g) Multiplication means to put together or add equal groups $\square$

Hindi
तीसरा सप्ताह

1. आपको इन छुट्टियों में एक पौधा लगाना है व उस पौधे की देखभाल करनी है।
2. किन्ही 2 जानवरों के मुखौटे बनाओ|

चतुर्थ सप्ताह

1. पाठ 1-4 तक दोहराओ (कक्षा कार्य पुस्तिका में कराया गया सारा कार्य)
2. हिंदी समाचार पत्र पढ़ो व कोई 2 खेल समाचार लिखो ।

Book Reading
Week 3 and 4

1. Read the books and write book review:
a) "The story of Oyster and Butterfly".
b) " छींका- छींक"

## My Book Review


Author :
What was your favourite part ?

$\qquad$


## English

Week 1
1.Write 10 body parts and make their pictures too.
2.Write 10 lines on some funny things. how did they make you laugh?
3.Write 10 tree's names.
4.Write 5 names of weather.
5.What is your favorite fruit and describe it?

Week 2
1.Draw such pictures- round shape, long shape oval shape, sharp shape
2. Write 5 sentences about your likes.
3. Write 5 sentences about your dislikes.
4. Write 10 pairs of rhyming words.
5. Write 10 pairs of antonyms.

WET
Week 3 and 4

1. Draw different types of 5 pictures with the help of palm.
2. Make different types of decorative items with the help of popsicle sticks.
3. Make any 2 things from beat out of waste.

Physical Eduaction
Do these exercises regularly

1. 10-10 sit ups 3 times
2. Holding of breath for 10 to 15 seconds
3. Balancing on one leg in one time 3030 seconds one by one both legs Yoga

Ques: Write short notes on these topic
Week 1

1. Morning walk is important for us
2. Love all
3. Our Pet animals

Week 2

1. Keep yourself clean
2. आत्मनिर्भर बनो
3. Be helpful

Drawing
Week 3

1. सभी विद्यार्थी अपनी हिंदी या इंग्लिश की किताब से मंनपसंद चित्र बनाकर उसमें रंग भरें।

Week 4

1. सभी विद्यार्थी अपनी कला की काँपी में दो सुंदर रंगोली बनाकर उनमें रंग भरें।

# KENDRIYA VIDYALAYA SANGATHAN <br> RRC FATEHGARH <br> HOLIDAY ASSIGNMENT (SUMMER VACATION) <br> (2020-21) <br> CLASS 5 

## Note:

Do all the assignments in a neat and legible handwriting in homework notebook.

Parents are requested to just guide the children to complete the task on their own.

## ENGLISH

First Two Weeks (11 May 2020 to 25 May 2020)

- WRITE 3 PAGES HANDWRITING
- WRITE 10 NAMING WORDS
- READ ENGLISH POEM OF TEAMWORK

Next Two Weeks (26 May 2020 to 9June 2020)

- LEARN DIFFICULT WORDS OF ALL CHAPTERS FROM ICE CREAM MAN TO ANT THE AND THE DOVE
- WRITE 10 WORDS WITH SAME MEANING (SYNONYMS)
- PROJECT WORK: MAKE ONE USEFUL ITEMS FROM WASTEMATERIALS.
- Last Two Weeks (10June 2020 to 19June 2020)
- WRITE 3 PAGES HANDWRITING
- LEARN AND WRITE QUESTIONS AND ANSWERS AND TRUE FALSE OF THE CHAPTER -
"FLYING TOGETHER" GIVEN ON PAGE NO. 33
- WRITE 10 ACTION WORDS


## EVS

## A- In first two weeks [9 May to 22 June]

1- Read chapter 1-2 of your EVS text-book.
2- Make a project report on different wild life centuries in India. [One from each i.e North, South, East, West and Central part of India]
3- Sow a seed and observe its germination process and write about it. Also draw different pictures of its growth.
4- Make a chart on Human digestive system.
5- Make 2 slogans to make aware people from Corona virus.

## B- In second two weeks [23 May to 5 June]

6- Read chapter 3-4 of your EVS text-book.
7- Write different methods of food preservation. Explain them in short.
8- Write a report about endangered animals.
9 - Collect or draw pictures of different types of animals and paste pictures categorising them according to their power of sense [i.e. having good sense of smell, hear, sight]
10- Write about different dance forms of India, paste pictures of famous dancers and dances of India. [Either folk dances or Classical]

## C- In third two weeks [6 June to 19 June]

11- Read chapter 5-6 of your EVS text-book.
12- Make a snake puppet.
13- Write the process of making Mamidi Tandra.
14- Write a note on poisonous snakes.
15- How the snakes are our friends? Write few sentences.

## विषय- हिंदी

## पहले 2 सप्ताह 11 मई 2020 से 25 मई 2020 तक

1.विभिन्न राज्यों के मुख्यमंत्री के नाम पता करके लिखें।
2. अपने शहर या जिले के अधिकारियों के नाम पता करके लिखो।
3. प्रोजेक्ट कार्य

कागज या कपड़े से फूल व खिलौने बनाओ।
4.प्रतिदिन 1 पेज सुलेख लिखिए।
5. आपके आसपास के संज्ञा शब्दों और उनके भेदों को लिखिए।

## दूसरे 2 सप्ताह 26 मई 2020 से 9 जून 2020

1. विभिन्न राज्यों के त्यौहार, प्रमुख नृत्य, प्रमुख भोजन,एवं प्रमुख वेशभूषा को A3 शीट पर चित्र सहित चिपकाएं।
2.आप की पाठ्य पुस्तक के पेज नंबर 46 पर दर्शाए गए विभिन्न टाकों को किसी सादे कपड़े या रुमाल पर उकेरें।
2. प्रकृति पर किन्हीं पांच कविताओं का सृजन करें।

## तीसरे 2 सप्ताह 10 जून 2020 से 19 जून 2020

प्रश्न 1 - कोरोनावायरस के कारण हुए लोक डाउन के समय की अपनी दिनचर्या का उल्लेख करते हुए अपने दादा-दादी या नाना-नानी को एक पत्र लिखिए . प्रश्न 2 - कोरोना संक्रमण से बचाव पर अपने विचार व्यक्त करें .

प्रश्न 3 - बड़े होकर आप क्या बनना चाहते हैं और उनके लिए आप क्या क्या तैयारी कर रहे हैं या भविष्य में क्या करेंगे इस पर आप अपने विचार लिखिए .

प्रश्न 4 - आपकी पाठ्यपुस्तक में पढ़ाए गए पाठों के प्रश्न उत्तर शब्दार्थ विलोम शब्द कंठस्थ करें .
प्रश्न 5 - विद्यार्थी अपने आत्मपरिचय का प्रपत्र भरकर याद करें 1- नमस्ते,
2- मेरा नाम $\qquad$ है!
3- मेरे पिताजी का नाम श्री $\qquad$ और मेरी माता जी का नाम श्रीमती $\qquad$ है.
4- मेरे बड़े भाई का नाम $\qquad$ है और मेरी बहन का नाम $\qquad$ है.

## 5- में ___ कक्षा में पढ़ता / पढ़ती हूं.

6- मेरे विद्यालय का नाम $\qquad$ है.
7- मेरी आयु_वर्ष है.
8- मेरे बड़े भाई कक्षा_में तथा मेरी बहन कक्षा___ में पढ़ती है .
9- मैं फतेहगढ़ के __ मोहल्ले में रहता / रहती हूं .
10-मेरे पिताजी___ का काम करते हैं .
11- मेरी माता जी एक कुशल ग्रहणी है.

## Mathematics

(First 2 week, 11th May to 25th May 2020)

1. Identify the following angles. Write type of Angle(Acute, Obtuse, Right

Angle, Straight)
(a) $90^{\circ}$
(b) $39^{\circ}$
(c) $100^{\circ}$
(d) $5^{\circ}$
(e) $146^{\circ}$
(f) $89^{\circ}$
(g) $95^{\circ}$
(h) $180^{\circ}$
(i) $60^{\circ}$
2. The hands of a clock make an obtuse angle when the time is
a) 12 o' clock b) 6 o' clock
c) 8 o' clock d) 9 o' clock
3. Write your name with the help of match sticks on A 4 size sheet. Mark the angles and identify type of angle.
4. Learn and write tables from 2 to 20 , two times on A 4 sheet.
5. Project : Make degree Clock on cardboard.

## BOOK READING

(First 2 week, 11th May to 25th May 2020)
Read the book "Birbal to the rescue" and answer the following questions.

Q1. What was the fruit of wisdom?
Q2. What did the old woman give to Akbar?
Q3. What was in the bag which old woman gives to the mendicant?

## PHYSICAL FITNESS

My dear students physical activity for you is very important as it will promote your health growth and development.

Regular exercise will make your muscles and bones strong, so here we have some tips for you to follow.

## Activities for first two weeks.

11 May 2020 to 25 May 2020
*Wake up early and go to bed early.
*Do stretching exercises daily.
*Do 10-10 sit ups, pushups and planks each day.
*Try to hold your breath for 10 to 15 seconds regularly.

## Activities for next two weeks

26 May 2020 to 09 June 2020
*Perform Surya Namaskar daily.
*Practice Anulom Vilom Pranayam to get rid of all types of breathing problems.
*Try to improve your body postures with the help of YouTube videos.

## Activities for last two weeks

10 June 2020 to 19 June 2020
*What can be more fun than dance workout. Play your favourite music and workout while dancing.
*Wake up early and sit in lap of nature for 30 minutes and do meditation, this will boost your focus and concentration.
*Be grateful and thankful for everything you have.

## Drawing andPainting

## प्रथम सप्ताह -

सभी विद्यार्थी पार्क ,नदी, पहाड़ या अन्य मनपसंद दृश्य बनाकर या बाजार से लाकर रंग बिरंगे रेत से सजाएं।

## दूसरा सप्ताह -

बच्चे एक सुंदर सीनरी लेकर उसमें रंग बिरंगे कागज के टुकड़ों को चिपकाकर कोलाज बनाएं।

विशेष नोट ----- बच्चो आपको Mathematics, Book Reading और Drawing and Painting का वर्क केवल 15 दिनों का दिया गया है । बाकी आपको २ हफ्ते के बाद दिया जायेगा-

BE SAFE AND STAY HEALHTY

## CLASS 5:-

> WET.
> 1. make a rabbit from best out of waste.
2. make a flower wall hanging with the help of colour paper and decorative items.
3. make a decorative item by using old bangle and woolen yarn.

# KENDRIYA VIDYALAYA RRC FATEHGARH 

## SOCIAL SCIENCE HOLIDAY HOMEWORK

## CLASS VI

SESSION 2020-21
1-Make a family tree.
एक पारिवारिक वृक्ष बनाइए।
2-Collect pebbles of different shapes and sizes paint pre historic figures and animals on them use this pebbles as paper weight.

विभिन्न आकार एवं आकृति के पत्थर इकट्ठे करो और उन पर प्रागैतिहासिक काल के जानवरों के चित्र या अन्य कोई आकृति बनाओ और इन पत्थरों का प्रयोग पृष्ठ भार के रूप में करो।

3-To make tools- using M seal highlighting the new lithic age four tools (chapter - from gathering food and growing food).
m -seal का प्रयोग करते हुए नवपाषाण युग के किन्ही चार ओजारो को बनाओ।
4-Collect the picture of dances of various states of our country and paste in into your notebook.

विभिन्न राज्यों के नृत्य के चित्रों को इकट्ठा करके उन्हें अपनी कॉपी में चिपकाए।
5-The children will choose a planet of his her choice and collect information related to it विद्यार्थी अपनी पसंद का कोई एक ग्रह चुने और उससे संबंधित सूचनाओं को इकट्ठा करके अपनी कॉपी में लिखें।

6-Identify the following with the help of a globe / Atlas -
निम्नलिखित को ग्लोब या एटलस की मदद से पहचाने और प्रदर्शित करें-
(i) - Identify the equator विषुवत रेखा
(ii)- Tropic of Cancer कर्क रेखा
(iii)-Tropic of Capricorn मकर रेखा
(iv) - Arctic Circle आर्कटिक वृत्त
(v)-Antarctic Circle अंटार्कटिक वृत्त
(vi) - North Pole उत्तरी ध्रुव
(vii)- South Pole दक्षिणी ध्रुव
(viii)-Identify the temperate zone उष्णकटिबंधीय क्षेत्र
(ix)- Polar ध्रुवी क्षेत्र
(x)-Tropical zone शीतोष्प कटिबंध क्षेत्र
(xi)- The states through which India Tropic of Cancer passes भारत के किन-किन राज्यों से कर्क रेखा गुजरती है।

Class 6th- c
Hindi holdiay homework वसंत भाग -1 :

1. पाठ 1-5 तक प्रशन/उत्तर लिखेंगे ।
2. परियोजना कार्य:

निम्नलिखित निबंदों में से एक निबंद लिखें

1) राष्ट्र भाषा हिन्दी 2) गणतंत्र दिवस
3. व्याकरण:

जन्म दिन की बधाई देते हुए मित्र को पत्र लिखिए।
4. निम्नलिखित लोकोक्तीयों के अर्थ लिखें :

1) अधजल गगरी छलकत जाये।
2)आगे कुंआ पीछे खाई
3)चमड़ी जाये लेकिन दमड़ी ना जाये।
2) इश्वर की छाया कहिं धूप कहीं छाया।
5)घर का भेदी लंका धाए।

## ASSIGNMENT QUESTIONS <br> CLASS - VI: CHAPTER - 1 KNOWING OUR NUMBERS

1. Write the numerals for each of the following:
(a) Sixteen crore forty lakh ten thousand two hundred forty-nine
(b) Seven crore two lakh eighty-seven
2. Write number names for (a) $7,23,56,708$ (b) $27,57,002$
3. Write each in expanded form: (a) $5,35,23,981$ (b) $34,49,28,876$
4. Find the difference between the place values of two 7 s in $78,65,49,756$.
5. Arrange the following numbers in ascending as well as descending order: $4,75,63,892 ; 56,45,389 ; 3,27,896 ; \quad 5,64,585$ and $45,87,692$.
6. Express each of the following as a Hindu-Arabic numeral:
(a) XXXII
(b) XCV
(c) DCCLXIV
(d) CCXX
(e) MVI (f) LXXXIV
7. Round off each of the following numbers to nearest tens:
(i) 84 (ii) 98 (iii) 984 (iv) 808 (v) 998
8. Round off each of the following numbers to nearest hundred:
(i) 3985
(ii) 7289 (iii) 8074 (iv) 14627 (v) 28826
9. Round off each of the following numbers to nearest thousand:
(i) 2401 (ii) 7278 (iii) 7832 (iv) 9567 (v) 26019
10. Write the following in Roman numerals:
(i) 49 (ii) 69 (iii) 72 (iv) 89 (v) 98 (v) 92 (vi) 175 (vii) 197
11. Write the following in Hindu-Arabic numerals:
(i) XXIX
(ii) XLV (iii)
(iii) LXXXIX
(iv) XCIX (v) CLXV
12. Population of Agra and Aligarh districts in the year 2001 was $36,20,436$ and $29,92,286$, respectively. What was the total population of the two districts in that year?
13. Estimate the product $5981 \times 4428$ by rounding off each number to the nearest (i) tens (ii) hundreds

## 14. Fill in the blank

(a) 10 million $=$ $\qquad$ crore.
(b) 10 lakh $=$ $\qquad$ million.
(c) 1 metre $=$ $\qquad$ millimetres.
(d) 1 centimetre $=$ $\qquad$ millimetres.
(e) 1 kilometre $=$ $\qquad$ millimetres.
(f) 1 gram $=$ $\qquad$ milligrams.
(g) 1 litre $=$ $\qquad$ millilitres.
(h) 1 kilogram $=$ $\qquad$ miligrams.
(i) 100 thousands $=$ $\qquad$ lakh.

## MCQ WORKSHEET-I <br> CLASS - VI: CHAPTER - 2 <br> WHOLE NUMBERS

1.What is the predecessor of 17
(a) 16
(b) 18
(c) 0
(d) 17
2.Write the successor of 1997
(a) 1996
(b) 1997
(c) 1998
(d) none of these
3. Which is the smallest whole number
(a) 1
(b) 0
(c) 2
(d) -1
4. Divide $7 \div 0$
(a) 7
(b) 0
(c) not defined
(d) 1
5. Find value of $297 \times 17+297 \times 3$
(a) 5940
(b) 5980
(c) 5942
(d) 5970
6. Which of the following will not represent 0
(a) $1+0$
(b) $0 x 0$
(c) $0 / 2$
(d) $(10-10) / 2$
7. If the product of two whole numbers is one if
(a) one number is 1
(b) two numbers are 1
(c) not defined
(d) none of these
8.Smallest natural number is
(a) -1
(b) 1
(c) 0
(d) 2
9. Simplify $126 \times 55+126 \times 45$
(a) 12000
(b) 12400
(c) 12600
(d) 12500
10. (i)If the product of two whole numbers is zero then one number will be zero
(ii) If the product of two whole numbers is zero then both number will be zero
(a) Only I can be true (b) only ii can be true (c) Both can be true (d)both are false
11. Study the pattern $1 \times 8+1=9$

$$
12 \times 8+2=98
$$

Next step is-
(a) $123 \times 8+3=987$
(b) $1234 \times 8+4=9876$
(c) $120 \times 8+3=963$
(d) $13 \times 8+3=987$
12. Fill in the blanks to make the statement true
$6245+(631+751)=631+\ldots \ldots \ldots)$.
(a) 6245
(b) 751
(c) 200
(d) 231
13. 5 divided by 0 is
(a) 5
(b) 0
(c) 1
(d) not defined
14. 0 divided by 6 is
(a) 6
(b) 0
(c) 1
(d) 60
15. Write the correct number to complete:
$13 \times 100 x \ldots \ldots \ldots \ldots \ldots=1300000$
(a) 10
(b) 1000
(c) 10000
(d) 100


## Class VI Math... <br> <br> MCQ WORKSHEET-II <br> <br> MCQ WORKSHEET-II <br> <br> CLASS - VI: CHAPIER - 2 <br> <br> CLASS - VI: CHAPIER - 2 <br> <br> WHOLE NUMBERS

 <br> <br> WHOLE NUMBERS}1. State the property used statement
$(29 \times 36) \times 18=29 \times(36 \times 18)$
(a)Associative property in multiplication (b) Commutative property in multiplication
(c)Distributive property in multiplication
(d) Closure property in multiplication
2.The school canteen charges Rs 20 for lunch Rs 4 for milk for each day How much money do you spend in 5 days on these things
(a) 100
(b) 20
(c) 120
(d) 5
2. Largest number formed by digits $2,4,0,3,6,9$ is
(a) 432900
(b) 392460
(c) 964320
(d) 903642
3. If 36 flats cost Rs 68251500 What is the cost of each flat
(a) Rs 198670 (b)Rs 135649
(c) Rs 203456
(d)Rs 1895875
4. State the property in statement: $256 \times 24=24 \times 256$
(a)Associative property in multiplication (b)
(b) commutative property in multiplication
(c)Distributive property in multiplication (d)Closure property in multiplication
5. Find product $12 \times 35$
(a) 12600
(b) 34840
(c) 420
(d) 400
6. Find the value of $1507-(625 / 25)$
(a) 1482
(b) 1580
(c) 1370
(d) 1234
7. Find the sum $837+208+603$
(a) 1548
(b) 1148
(c) 1648
(d) 1148
8. Find the whole number if $n+4=9$
(a) 5
(b) 3
(c) 4
(d) 6
9. Find a whole number $n$ such that $n=2 n$
(a) 20
(b) 100
(c) 0
(d) 1
10. The difference of largest number of three digit and smallest natural number is
(a) 998
(b) 997
(c) 996
(d) 995
11. The largest whole number is:
(a) 99
(b) 9979
(c) 9999
(d)can not be found
(h) 1 kilogram $=$ $\qquad$ miligrams.
(i) 100 thousands $=$ $\qquad$ lakh.
(j) Height of a person is 1 m 65 cm . His height in millimetres is $\qquad$ -
(k) Length of river 'Narmada' is about 1290 km . Its length in metres is $\qquad$ -.
(I) The distance between Srinagar and Leh is 422 km . The same distance in metres is $\qquad$ -
(m) Writing of numbers from the greatest to the smallest is called an arrangement in $\qquad$ order.
(n) By reversing the order of digits of the greatest number made by five different non-zero digits, the new number is the $\qquad$ number of five digits.
(o) By adding 1 to the greatest $\qquad$ digit number, we get ten lakh.
(p) The number five crore twenty three lakh seventy eight thousand four hundred one can be written, using commas, in the Indian System of Numeration as $\qquad$ —.
(q) In Roman Numeration, the symbol X can be subtracted from $\qquad$ M and C only.
(r) The number 66 in Roman numerals is $\qquad$ -
(s) The population of Pune was $2,538,473$ in 2001. Rounded off to nearest thousands, the population was $\qquad$ .
12. Estimate each of the following by rounding off each number to nearest hundreds:
(a) $874+478$
(b) $793+397$
(c) $11244+3507$
(d) $17677+13589$
13. Estimate each of the follwoing by rounding off each number to nearest tens:
(a) 11963-9369
(b) $76877-7783$
(c) 10732-4354
(d) 78203-16407
14. Estimate each of the following products by rounding off each number to nearest tens:
(a) $87 \times 32$
(b) $311 \times 113$
(c) $3239 \times 28$
(d) $1385 \times 789$
15. The population of a town was 78787 in the year 1991 and 95833 in the year 2001. Estimate the increase in population by rounding off each population to nearest hundreds.
16. Which of the following numbers in Roman Numerals is incorrect?
(A) LXII (B) XCI (C) LC (D) XLIV
17. Fill in the blank:
(a) In Indian System of Numeration, the number 61711682 is written, using commas, as
(b) The smallest 4 digit number with different digits is $\qquad$ .

Kendriya Vidyalaya RRC Fatehgarh
summer vacation holiday homework
subject - English

## Class VI

) Read the passages given below and answer the questions that follow:
We must do all we can to stop conflicts and civil war. Most conflicts happen in poor countries, especially which are badly governed or where power and wealth are not distributed fairly between different tribal or religious groups. So the best way to check fighting is to make a political arrangement in which all groups have their representatives. The need is to ensure human rights and economic development of all.

The next fundamental freedom is one that is not mentioned in the UN charter. In 1945, the leaders could not imagine that such a situation would arise. That is the freedom of future generations to live on this planet.

Even now many of us have not understood its importance. We are using up the limited resources for our present use. We are over using and even wasting them. We are, in fact, robbing our children of their right to live.

We must preserve our forests, fisheries and wildlife. All of these are collapsing because of our own habit of consuming or destroying them.

## Questions:

Answer the following questions briefly----

1) Why do most conflicts happen in poor countries?
2) What is the best way to check conflicts?
3) What is meant by 'the freedom of future generations to live '?
4) How are we robbing our children of their basic right?
5) What must we preserve for our children?
6) Find word from the passage that mean the same as
A) Fighting
B) Keep safely
C) Coming to end
7) Write a leave application to your Principal requesting him to grant a leave of 5 days.
8) Write feminine gender of the following

Man
Son

Policemen
Boy
Father
Brother
Husband
Uncle
Headmaster
Lion
4) Writa a paragraph on -

A visit to Zoo

# Class-VI <br> L-2 <br> Components of Food 

1) Fill in the blanck .
i) Food ingredients contain some components that are needed by our body. These components are needed by our body. These components are called $\qquad$ .
ii) Starch and sugars are source of $\qquad$ .
iii) Ground nut is rich in $\qquad$ .
iv) Pulses and soyabean are source of $\qquad$ .
v) The diet rich in all the nutrients is called $\qquad$ .
vi) Disease that occur due to lack of nutrients over a long period are called $\qquad$ .
2) Match the coloum.

| A | B |
| :---: | :--- |
| Vitamin/ Mineral | Deficiency Disease |
| A | Beriberi |
| B | Bone and tooth decay |
| C | Rickets |
| D | Anaemia |
| lodine | Scurvy |
| Calcium | Goiter |
| Iron | Loss of vision |

3) Define Obesity ?
$\qquad$
4) What is roughage ?
$\qquad$
5) Define Balanced Diet ?
6. Draw some sources of carbohydrates.

7. Draw some plant and animal sources of protein.


Plant Source
(Proteins)


Animal Source
(Proteins)
8) Tick ( $\downarrow$ ) the statements that are correct.

1. Protein is a body building food.
2. Vitamin C gets easily destroyed by heat during cooking.
3. Our body does not need dietry fibre and water.

# KV RRC FATEHGARH <br> Holiday Homework - 2020-21 <br> (Summer Vacation) <br> CLASS 7 <br> Hindi 

\#बसंत भाग-2(पाठ्यपुस्तक )

1. पाठ 1-5 तक प्रशन/उत्तर याद करेंगे।
2. परियोजना कार्य:-

निम्नलिखित निबंदो में से एक निबंद लिखें:
(i) परोपकार (ii) मेरे जीवन का लक्ष्य
3. व्याकरण:-

निम्न शब्दों के दो-दो पर्यायवाची लिखें।
(i) अग्नि (ii)अन्धकार (iii)पृथ्वी (iv)आकाश (v) जल
4. तीन दिन अवकाश हेतु प्राचार्य को पत्र लिखें।

## MATHS

NOTE- Do holiday homework in a seprate note book[long]

1. define :-
(i) Natural numbers
(ii) Whole numbers
(iii) Integers
2. question $1,4,7$ of ex 1.1
3.write the properties of addition of integers:-
(i) closure
(ii) commutative
(iii) associative
(iv) additive identity
3. question $1,2,3$ of ex 1.2
4. example $1,2,4,5$
5. question 1,5,7 of ex 1.3
6. quetion 1,5,6 of ex 1.4
7. write the (i) distibutive property (ii) multiplicative identity of integers

## SUBJECT- SCIENCE

LESSON- 1 NUTRITION IN PLANTS
LEARN AND WRITE-
VERY SHORT ANSWER TYPE QUESTIONS.
1- (i) What is nutrition?
(ii)-Name the process by which plants make food.
(iii)-Which gas is released during photo synthesis?
(iv)-Name one parasitic plant.

2-Fill in the blanks.
(i)-Green plants are called $\qquad$ since they synthesise their own food.
(ii)-During photo synthesis plants take in $\qquad$ and release $\qquad$ (iii) -Amarbel is an example of ... $\qquad$ .plant.

## Subject - English

## Project work

1. Practice 20 pages in your cursive writing book with a fountain ink pen.
2. Write a short moral story and memorize it.
3. Write any Poem from your text book and recite it to understand it's creativity.

## Assignment

1. Write a letter to your friend describing about the online classes conducted in your school during lockdown.
2. Write a biosketch on the following topics in about 100-120 words -
A) Mahatma Gandhi
B) Mahatma Buddha
3. You are Rohan/Reeta, student of class 7. You have lost your water bottle in the school premises. Write a notice in about the same. (50 words.)
4. Learn question and answers from the lessons taught before 08/05/2020.

## SUBJECT-SOCIAL SCIENCE

## REVISION WORK

Revise first chapter of history( Tracing changes through a thousands years)

## READING SKILL

Read second chapter of history( New Kings and Kingdoms) and find out some short answer questions.

## LEARN AND WRITE THESE QUESTIONS

1. What is the difference between manuscripts and inscriptions?
2. Why do man modify their environment?
3. Make a list of nature things and human made things .
4. List three benefits of MDM programme.
5. Define the following term

- Universal adult franchise
- Cartographer
- Ecosystem
- Biosphere
- Barter system


## ACTIVITIES

1)Imagine and ideal environment who you would love to live .Draw the picture of your ideal environment.
2)Find out where records are kept in your village or city .who write these records? Is there an archive? Who manages it? What kind of documents are stored there? Who are the people who use it?

## MAP WORK

Locate the following on the map of India.

-     - India's states, union territories and their capital.
-     - Neighbouring countries of India.

SUBJECT : SANSKRIT

$$
\begin{aligned}
& \text { ग्रीएम कालीन अवकाश गृह कार्थ } \\
& \text { (दिगांक } 11.5 .20 \text { से } 31.5 .20 \text { तक) } \\
& \text { कक्षा-7 विषय-संस्कृत } \\
& 1 \text { - संख्या वाची शब्दे संस्कृत में } \\
& \text { लिखो ब यदि करो० (1 से } 50 \text { तक) } \\
& \text { 2- कोई पाँच } 2 \text { लोक लिखो वे याद करो } \\
& \begin{array}{l}
3 \text {-गम धातु के रूप लिखो ब याद करो। } \\
\text { (लट लट् लड़," लकार) }
\end{array}
\end{aligned}
$$

# KENDRIYA VIDYALAYA RRC FATEHGARH HOLIDAY HOMEWORK (SUMMER VACATION) ALL SUBJECTS <br> <br> CLASS VIII <br> <br> CLASS VIII <br> SESSION 2020-21 

GENERAL INSTRUCTIONS-

* Do this homework in holiday homework Notebook.
*Make proper index in this copy
*Mention date
*Parents sign with date
*Submit this homework up to 10 June 2020


## LESSON- MICROORGANISMS: FRIEND AND FOE

1-Fill in the blanks.
1-Microorganisms can be seen with the help of a $\qquad$
2-Blue green algae can also fix $\qquad$ directly from air to enhance soil fertility.

3-Alcohol is produced with the help of $\qquad$
4-Cholera is caused by $\qquad$
2 -What are the major groups of micro organisms?
3-Name the microorganism that can fix atmospheric nitrogen in the soil.
4-Write ten points on the usefulness of micro organisms in our lives.
5 -What are antibiotics? What precautions must be taken while taking antibiotics ?
6-Name any two diseases caused by-
1-virus
2-bacteria
7-Draw nitrogen cycle. [ in activity file]
8-Draw bread mould [in activity file]
9- Name the first antibiotic. Who discovered it?

# Kendriya Vidyalaya RRC Fatehgarh <br> summer vacation holiday homework <br> subject English <br> Class VIII 

## Note -

* Do this homework in holiday homework Notebook.
*Make proper index in this copy,
*Mention date,
*Parents sign with date
*Submit this homework up to 10 June 2020
****************************************************************************************)
***************
Q.1) Ashwini/ Aastha Sharma incharge of the NSS Club of Saint Andrews School, Hyderabad, is asked to write a notice about a fair being organised by the club to collect articles and money for people affected by corona virus throughout the country, the notice will be put up for students on the school notice board write the notice in around 50 words including relevant details such as purpose of fair ,kind of stalls, games ,food etc. contribution accepted, fair timing etc, in your notice so that students may contribute generously, do not give extra information put the notice in a box.
Q.2) write a letter to your younger brother, who has got admission in a hostel emphasizing the importance of a good breakfast.
Q.3) write an article for the school magazine expressing your views on "whether war's are a good way to end conflicts between countries" in about 100-1200 words.
Q.4) what are the two different ideas, about why so few animals were killed in the tsunami ? (in 80 words).
Q.5) rearrange the following jumbled words to make meaningful sentences:
a) in/other animals/ elephant/an/excels/ intelligence.
b) displays/ he/his intelligence/ little actions/in his
c) with a difficulty/ a way out/whenever/ with/ his intelligence/faced/he/ finds
d.) is/one/ of/ the/ loved/ most/ animals/ world/ in /the/he


# KENDRIYA VIDYALAYA RRC FATEHGARH <br> <br> SOCIAL SCIENCE HOLIDAY HOMEWORK <br> <br> SOCIAL SCIENCE HOLIDAY HOMEWORK <br> <br> CLASS VIII 

 <br> <br> CLASS VIII}

## SESSION 2020-21

1-Essay writing on problem of periodization in history.
इतिहास को विभित्र काल खंडों में विभाजित करने पर आने वाली समस्याओं के बारे में एक निबंध लिखें।

2- Prepare a character sketch for any one of the following-
निम्नलिखित में से किसी एक का चरित्र चित्रण करो -
Maharaja Ranjit Singh महाराजा रंजीत सिंह
Tipu Sultan टीपू सुल्तान
Haider Ali हैदर अली
Siraj ud-daulah सिराजुद्दौला
Give one incident in their life.
इनके जीवन से जुड़ी हुई किसी एक घटना का वर्णन भी करें।
3 -Write a short note on constitution of India.
भारतीय संविधान पर एक संक्षिप्त नोट लिखो।
4- Web chart showing different types of resources with categories and sub-categories of resources like -

विभिन्न संसाधनों उनकी वर्ग और उप वर्ग को प्रदर्शित करते हुए एक वेब चार्ट बनाओ जैसे natural प्राकृतिक
human made मानव निर्मित
5-Make a poster on conservation of resources poster can depicts problems of resources depletion.

संसाधन के संरक्षण पर एक पोस्टर बनाओ पोस्टर में संसाधनों के निम्नीकरण से उत्पन्न होने वाली समस्याओं को दर्शा सकते हैं।

# केंद्रीय विद्यालय आर.आर.सी. फतेहगढ़ <br> हिंदी गृह कार्य 

कक्षा 8
नोट- विद्यार्थी इस कार्य को होमवर्क कॉपी पर करेंगे
1-बस की यात्रा पाठ को पढ़कर स्वयं छोटे-छोटे 10 प्रश्न बनाकर उत्तर लिखना ।
2-पांच सकारात्मक मुख्य समाचार अखबार से देखकर लिखना व संबंधित चित्र चिपकाना । 3-कवि रहीम के 10 दोहे लिखना व उनके अर्थ समझना ।

4-15 विलोम शब्द लिखना ।
5-छात्रावास में रहकर पढ़ाई कर रहे छोटे भाई सौरभ को कुसंगति से बचने की सलाह देते हुए एक पत्र लिखिए ।

6-आलस्य मनुष्य का शत्रु अथवा स्वच्छता विषय पर एक अनुच्छेद लिखिए।

# Summer Vacation Holiday homework ［Math］（TInd speli） Class－VIII 

## General Instruction：－

（a）You must start doing homework 26／05／2020．the homework must be completed submitted by 10／06／2020．
（b）Do this homework in same holiday homework copy．
（c）Make proper index in this copy．Mention date；Parents sign with date

1．Find five rational numbers less than -2
2．Find five rational numbers greater than -5
3．Write the additive inverse of
（a）$-7 / 5$
（b）$-5 /-11$

4．Write the multiplicative inverse of
（a）7／－65
（b） $2 / 7$

5．Represent the following numbers on the number line
$2 /-3,-1 / 3,2 / 3,4 / 3,5 / 3$
6．Find six rational number between $-1 / 2$ and $5 / 4$
7．Example 3，4， 13 of chapter 2
8．Define concave and convex polygon．

HOLIDAY HOME WORK
SCIENCE (second spell)
CLASS IX
1.Differentiate plant and animal cell. Draw labelled diagram as well .
2.Why mitochondria is called power house of cell?
3.Which cell organelle is called kitchen of the cell and why?
4.What happens when a cell is placed in hypertonic solution ?
5. Differentiate speed and velocity.
6.Draw graphs for-

Uniformly accelerated motion, retardation.
7.Derive expression for 3rd equation of motion.
8.An object starts from rest and moves to a distance of 36 m in 4 seconds. Find acceleration produced
9.How transport of gases and water occurs in cells.
10.What would be the acceleration of an object if it is moving with constant velocity of $30 \mathrm{~m} / \mathrm{sec}$ ?

## HOLIDAY HOMEWORK

## SUBJECT SOCIAL STUDIES

## CLASS IX

## INSTRUCTIONS

- Do all the assignment in the holiday homework notebook .
- Kindly submit your third and fourth week work on 07.06.2020 on s.st WhatsApp group .
- Take signature of parents after completing work of each week .
$>$ Revise first chapter of geography (India size and location).
> Read 2nd chapter of Geography (physical features of India) and find out some short answer question.
$>$ Learn and write these question.

1 The Central location of India at the head of the Indian Ocean is considered of great significance. Why?
2 How would you explain the rise of Napoleon?
3 Write the merits and demerits of democracy?
4 What is the importance of democracy?
5 write the full form of ZANU PF.
> Make a project file on" disaster management".
> Locate the countries of World War first and World War II on the world map.
25.05220
H.H.W. for IX sub-matios
chapter -t

1. Example N6-2

2- $8.4 \quad 8 \times .11$
3- Example No. 3,4
4. - Q NO I of Ex. 1.2
5. Example No. 6

6- Q. MO. 1 and 2 of Ex. 13
chapte-2
7- Example 1,4,6,11,12,13,14,15,16,17 and 18
Q- Q.NG. 1 and 6 of Ea. 2.5 Hem

अवकाश मृहकार्य हिदी
कक्षा-नपम

1. करोना संकट में घर पर रहकर जो अनुभव हुआ, विस्तार से विचार प्रस्चुता की जैएए।
2. जीवन में सफलता पा ने के लिए आप स्वम को कैसा बनाना चाहते हैं, लिखो।
3. बिना गुरु के सफलता नहीं मिलती" वैचिए विस्तार पूर्वक लिखेंर
4. बताए गए पाठों के प्र श्नों के उत्तर याद करें।


## KENDRIYA VIDYALAYA R.R.C.FATEHGARH

SUMMER VACATION HOLIDAY HOMEWORK (25/05/2020 TO 07/06/2020)

> CLASS - IX

SUBJECT - ENGLISH (LANGUAGE AND LITERATURE)

Important instructions:
a. You must start doing homework from 26/05/2020
b. The homework must be completed and submitted by 10/062020
c. Do this homework in holiday homework copy.
d. Make proper index in this copy. Mention date, parents sign with date.
Q. 1 Write past and participle forms of the following verbs:

Present Past Past participle
Buy

Bring

Beg

Burn
Dip
Cry

Copy
Dry

Fell

Keep

Lay
Flee

Slay
Fell

Meet

Sell

Bet

Set

Shed

Let

Weep
Q. 2 Pick out Nouns in the following sentences and say which kind of nouns they are:
a. Subhash was a fearless leader.
b. He is the Lokman of his age.
c. The Mars is the god of strength.
d. Beauty is a great blessing.
e. Our School team won the tournament.
f. New Delhi is the capital of India.
Q. 3 Rearrange the following words and phrases to form meaningful sentences.
a. how/she/has/such/made/dolls/beautiful
b. have/decided/you/to go/where/tomorrow
c. not/insult/do/weak/the/man/old
d. tricks/they/do/to/clever/are/learn/and
e. revered/all over/Dalai Lama/world/the/is
Q. 4 Complete the story in the most suitable way with the help of outlines given below:

Outlines: A shepherd boy............grazes sheep..........decides to make fun of villagers $\qquad$ .wolf. $\qquad$ the villagers came $\qquad$ a wolf really comes. $\qquad$ cries for
help $\qquad$ nobody comes $\qquad$ wolf kills many sheep.
Q. 5 Write a letter to your younger brother telling him how he can live at home being safe from Covid - 19.
K.C.KUSHWAHA (T.G.T.ENG)
K.V.RRC,FATEHGARH

KVRRC Fatehgars

Haliday Home work sub-Social Science

1- Mroject werk in File Eynet (Fortright) on these Topics
A. Disartar Management
B. Sustainable Development सतत पोपणोय विकास
2- Arsionment work in a Note Bootk Siconal (Fortright)
Ten mece thfer questions and
Five longtiper questions self preanse or ano give answes on these Topics.
A ohe Ruse of Notionalism in Europe सरहोप मे बाद का उदय
B-Resourees and seveloperent संसाधन एवं विकास
c- Development
विकास
D- Powen Shaxing
सत्ता की सेझेदाखि

$$
\frac{15}{\pi \sqrt{20}}
$$

1. Given that $x-\sqrt{5}$ is a factor of the polynomial $x^{3}-3 \sqrt{5} x-5 x+15 \sqrt{5}$, find all the zeroes of the polynomial.
[CBSE 2012]
2. Obtain all other zeroes of the polynomial $x^{4}-3 x^{3}-x^{2}+9 x-6$, if two of its zeroes are $-\sqrt{3}$ and $\sqrt{3}$.
[CBSE 2013]
. Find all the zeroes of $2 x^{4}-3 x^{3}-3 x^{2}+6 x-2$, if you know that two of its zeroes are $\sqrt{2}$ and $-\sqrt{2}$.
Find the values of $a$ and $b$ so that the polynomial $x^{3}+a x^{2}+b x-6$ is completely divisible by $x^{2}-4 x+3$.
If the polynomial $f(x)=x^{4}+x^{3}+8 x^{2}+a x+b$, is exactly divisible by $x^{2}+1$, then find the values of $a$ and $b$.
If one zero of polynomial $3 x^{2}=8 x+2 k+1$ is seven times the other, then find the zeroes and value of $k$.

Find all the zeroes of $2 x^{4}-9 x^{3}+5 x^{2}+3 x-1$, if two of its zeroes are $2+\sqrt{3}$ and $2-\sqrt{3}$.
[CBSE 2008 C]
(i) For what value (s) of $k$, the zeroes of $x^{2}+k x+12$ will differ by 1 ?
(ii) If the zeroes of $x^{2}-l x+m$ differ by 1 , them show that $l^{2}=4 m+1$.

If two zeroes of the polynomial $x^{4}-6 x^{3}-26 x^{2}+138 x-35$ are $2 \pm \sqrt{3}$, find the other
. State Fundamental theorem of arithmetic. Is it possible that HCF and LCM of two numbers be 24 and 540 respectively? Justify your answer.

- Two brands of chocolates are available in pack of 24 and 15 respectively. If I need to buy an equal number of chocolates of both kinds, what is the least number of boxes of each kind I would need to buy?
A merchant has 120 litres of oil of one kind, 180 litres of another kind and 240 litres of third kind. He wants to sell the oil by filling the three kinds of oil in tins of equal capacity, what would be the greatest capacity of such tin?
Prove that $\sqrt{2}+\frac{3}{\sqrt{2}}$ is irrational.
Use Euclid's Division Lemma to show that the cube of any positive integer is of the form $9 m, 9 m+1$, or $9 m+8$.
The following real numbers have decimal expansions as given below. In each case, decide whether they are rational or not. If they are rational and of the form $p / q$, what can you say about the prime factor of $q$ ?
(i) 43.123456789
(ii) 123.096
iii) $0.120120012000120000 \ldots$.
(iv) $43 . \overline{123456789}$
(v) $21.234 \overline{78}$

प्रश्न 1 घढ़ाए गए समी (काव्य एवं गच) पाठों के प्रश्नोत्तर माद करने है।
प्रश्न ${ }^{2}$ बाल गोबिन पाठ से एवं माता का अँचल पाठ से $15-15$ संक्षिप्त प्रश्न बनाइए।
प्रश्न ${ }^{3}$ 'माता का अँचल' याठ में माता पिता का जो वात्सत्पन्भाब व्यक्त हुआ है उसे अपने शब्दों में लिखिए।
प्रश्न ${ }^{4}$ 'बाल गोबिन' याठ के आधार पर 'कबीर पंथ के अनुसार" जीवन की विशेषताएँ बताइए।
प्रश्न ${ }^{5}$ आप वर्षिक-परीदा दे चुके हैं। अपने पिता जो को पत्रा लिखकर सूचित करें कि आपके प्रश्न पत्र कैसे हुए हैं।
प्रश्न ${ }^{6}$ रचना के आधार पर सरल, संयुक्त एवं मिश्र वाक्यों के 5.5 उदाहरण लिखें।

$$
x
$$

$\qquad$
(परियोजना-कार्य)

- किन्हीं दो विज्ञापनों की कटिंग चिपकाएँ।
- अपनी पसंद के विषय पर एक विजायन तैयार करें।


## CLASS X - (SCIENCE)

## ASSIGNMENT

## INSTRUCTIONS FOR STUDENTS:

(1) DO THESE QUESTIONS IN A SEPARATE HOMEWORK COPY.
(2) SUBMIT THE HOMEWORK ON 08-06-2020.
(3) GET THE HOMEWORK SIGNED BY YOUR PARENTS BEFORE SUBMITTING.

1. Identify the device used, a spherical mirror or lens, in the following cases, when the image formed is virtual and erect in each case.
(a) Object is placed between the device and its focus, image formed is enlarged and behind it.
(b) Object is placed between infinity and the device, image formed is diminished and between optical centre and focus on the same side as that of the object.
2. The refractive indices of four media $A, B, C$ and $D$ are given in the following table:

| Medium | A | B | C | D |
| :--- | :---: | :---: | :---: | :---: |
| Refractive <br> Index | 1.33 | 1.50 | 1.52 | 2.40 |

If light, travels from one medium to another, in which case the change in speed will be
(a) minimum
(b) maximum?
3. Redraw the given diagrams and show the path of the reflected/refracted ray:

(a)

(b)

(c)

(d)
4. What is the nature of the image formed by a concave mirror if the magnification produced by the mirror is +3 ?
5. $z$ "The refractive index of carbon disulphide is 1.63 ." What is the meaning of the statement in relation to the speed of light?
6. Why a convex mirror is preferred for rear view mirrors in motor cars?
7. An object 2 cm in size is placed 30 cm in front of a concave mirror of focal length 15 cm . At what distance from the mirror should a screen be placed in obtain a sharp image? What will be the nature and the size of the image formed? Draw a raydiagram to show the formation of image in this case.
8. A concave lens has a focal length of 20 cm . At what distance from the lens a 5 cm tall object be placed so that it forms an image at 15 cm from the lens? Also calculate the size of the image formed and draw the ray diagram.
9. An object 50 cm tall is placed on the principal axis of a convex lens. Its 20 cm tall image is formed on the screen placed at a distance of 10 cm from the lens. Calculate the focal length of the lens.
10. How are power and focal length of a lens related? One student uses a lens of focal length 50 cm and another -50 cm . What is the nature of the lens and its power used by each of them?
11. Draw a ray-diagram showing the path of rays of light when it enters at an angle $\left(<90^{\circ}\right.$, $\neq 0^{0}$ )
(a) From air to water
(b) From glass to air
12. A 14-year old student is not able to see clearly the questions written on the blackboard placed at a distance of 5 m from him.
(a) Name the defect of vision he is suffering from.
(b) With the help of labelled ray-diagrams show how this defect can be corrected.
(c) Name the type of lens used to correct this defect.
13. Study the diagram given below and answer the questions that follow it:

(a) Which defect of vision is represented in this case? Give reason for your answer.
(b) What could be the two causes of this defect?
(c) With the help of a diagram show how this defect can be corrected by the use of a suitable lens.
14. Draw a ray diagram to show the refraction of light through a glass prism. Mark on it
(a) The incident ray
(b) The emergent ray
(c) The angle of deviation.

Hence, define the angle of deviation.
15. State the function of the following parts of human eye:
(a) Iris
(b) Pupil
(c) Ciliary muscles
(d) Crystalline lens
lang Answer Type questiviva

1. 4 chairs and 3 tables cost $₹ 2100$ and 5 chairs and 2 tables cost $₹ 1750$. Find the cost of
2. The taxi charge in a city consists of a fixed charge together with the charge for the distance covered. For a distance of 8 km , the charge is $₹ 111$ and for a journey of 12 km , the charge paid is ₹ 159 . What are the fixed charges and the charge per km ? Howmuch does a person have to pay for travelling a distance of 5 km .
3. On a highway two places A and B are 120 km apart. A car from A and a second car from $B$ start at the same time. If the cars travel in the same direction at different speeds, they meet in 6 hours. However, if they travel towards each other, they meet in 1 hour. What are their speeds?
4. Draw the graph of the following pair of linear equations:

$$
x+3 y=6 \text { and } 2 x-3 y=12
$$

Find the ratio of the areas of the two triangles formed by first line, $x=0, y=0$ and second line $x=0, y=0$.
5. Smita scored 100 marks in a test getting 2 marks for each correct answer and losing 1 mark for each wrong answer. Had 4 marks been awarded for each correct answer and 3 marks been deducted for each incorrect answer, she would have again scored 100 marks. How many questions were there in the test, assuming she had attempted all the questions?
6. Class X students assembled for a meeting were made to stand in rows. If 4 students were less in a row, there would be 3 more rows. Whereas if 8 students were more in a row, there would be 3 less rows. Find the number of students in the class.
7. Solve graphically the pair of linear equations;

$$
4 x-3 y=6 \text { and } 7 x+3 y=27
$$

Find the coordinates of the vertices of triangular region formed by these lines and $y$ axis. Also calculate the area of this triangle.

Class X II Spell Home Work 26.5.2020 07.6 .2020 .

Subject - English
QN1 Read the outlines given below of a story Write it in full using there outlines and your owen ideas. Write the' arsereer in 150-200 words, Assign (give) a suitable title and moral to it. Outlines -
A thirsty crow in search of water - sees a jug half filled with water - beak cant reach it sees pebbles - puts them into the jug g water level comes up $=$ drinks flies dray.

Qiva Read the ortiline of a story given below and complete the story using, the outlines and your our ideas in. 15D-200 words. Assign a suitalsle title and moral to it
Qutlines-sun and wind challenged would be stronger-urould strip the clothes off $\rightarrow$ first, passer fy $\rightarrow$ wind puffed uh all air in lungs -man drew clothes - peeling cold -fulled on cloak - sun only shore $\rightarrow$ man fete hotter-Tiok off 1 lothes-shamsgentle persuation $\rightarrow$ more effective than violence.

Rearrange the following words/phrases to make meaningful sentences:

1. (a) direct effect/the tone/on the/speaker/audience/has a/of the/psyche/of the
(b) reaches harsh/tone/and loud/the hearts/never/audience/of the
(c) connects/a good speaker/audience/touching/to the/their hearts/by
2. (a) the dreams/affects/sees/a dreamer/health/he/of the
(b) was/my first day/of swimming/experience/of my life/most horrible/the
(c) loud/the instructions/were given/and clear/instructors by the
3. (a) easy to describe/a pictorial representation/and accurately/vividly/is very limited/ but/its scope/is
(b) confine/the parameters/of the/the writer/picture/himself/has to/within
(c) have/creative forms/strengths/weaknesses/and/all/their own
4. (a) misguided/trained/youth/terrorists/in enemy/who/camps/are/have been
(b) the menace/powerful/difficult/like/the USA/to curb/even/terrorism/countries/find it/of
(c) hunger/germinates/terrorism/soft soil/and unemployment/on the/of
5. (a) mass communication/last decade/revolution/has witnessed/in/the/a
(b) soft music/as I entered/being played/the mansion/I heard/in the hall
(c) meet miy parents/gone to England/I didn't go/to/this summer/their friends/to visit/they had as
I. Read the following conversation and complete the passage that follows:
6. Mrs. Sahni. : Could you show me some sates?

Shopkeeper : Yes surely. Which type of sates would you like to see?
Mrs. Sahni : I will prefer light coloured cotton ares.
Mrs. Sahni asked the shopkeeper (a) ......................... . The shopkeeper said he surely could and further asked (b) .......................... to see. Mrs. Sahni replied that
(c)
2. Madhav : Is it a four or a six?

Raja : I don't know. The umpire is yet to signal.
Madhav : Yipee! The umpire has signalled a six.
Madhav asked Rajan (a) $\qquad$ Rajan replied that he (b) $\qquad$ He added that the umpire was yet to signal. Madhav exclaimed happily that the umpire (c) $\qquad$

In the following paragraphs one word has been omitted from each line. Write the missing word along with the words that come before and after it in the space provided. The first one has been done as an example for you.

## 1.

After buying new chain I faced the difficult task putting the
jigsaw puzzle together again. The machine
work after I had reassembled as
many parts were left lying the
ground. I gave up in despair.
2.

Due globalisation, our country is passing an era of social, political and economic transformation. People becoming aware about the corruption leaders. Funds sanctioned for poor don't reach them
3.

In speech of spoken language, the tone and voice of speaker play an important part. The speaker has to careful about pitch of his voice. Style, tone and pitch matter speaking in public

| Before | Missing | After |
| :---: | :---: | :---: |
| e.g. buying | a | new |
| (a) ........... | ............ |  |
| (b) ........... | ............ |  |
| (c) ........... |  |  |
| (d) ........... | ............ |  |


| Before <br> e.g. due | Missing to | After |
| :---: | :---: | :---: |
| (a) ........... | ........... |  |
| (b) ........... | ......... |  |
| (c) ........... | . |  |
| (d) ........... | ........... | ........... |
| Before | Missing | After |
| e.g. In | a | speech |
| (a) ........... | ............ |  |
| (b) ........... | ........... |  |
| (c) ........... | ........... |  |
| (d) ........... | ......... |  |

# Class XII C <br> Subject: Informatics Practices 

## A. Multiple Choice Questions:

1. ARPANET stands for-
(a) Advanced Real Projects Air Network
(b) Advanced Research Preparation Agency Network
(c) Advanced Recruitment Process Agency Network
(d) Advanced Research Projects Agency Network
2. In 1990s, the internetworking of which three networks resulted into Internet?
(a) WWW, GPS and other private networks
(b) ARPANET, NSFnet and other private networks
(c) ARPANET, NSFnet and other public networks
(d) ARPANET, GPS and NSFnet
3. Web search engines works with the help of two programs. Which are they?
(a) Web crawler and Cascading Style Sheet
(b) Spider and Indexer
(c) Web server and web crawler
(d) None of the above
4. Web Site is a collection of $\qquad$ .
(a) Audio and video files
(b) Pictures
(c) Web pages
(d) All of the above
5. AOL, iGoogle, Yahoo are examples of $\qquad$ .
(a) Web Site
(b) Web Page
(c) Web Portal
(d) None of the above
6. $\qquad$ is distributed computing over a network, and involve a large number of computers connected via real-time communication network such as the Internet.
(a) Cloud Computing
(b) Thin Client Computing
(c) Fat Client Computing
(d) Dumb terminal Computing
7. A $\qquad$ is a web site like any other, but it is intended to offer personal opinions
of people on their hobbies, interests, commentaries, photo, etc.
(a) Protocol
(b) Blog
(c) Webpage
(d) Journals
8. $\qquad$ protocol defines how messages are formatted and transmitted, and what actions Web servers and browsers should take in response to various commands.
(a) FTP
(b) TCP/IP
(c) HTTP
(d) SMTP
9. URLs are of two types:
(a) Absolute \& Relative
(b) Static \& Dynamic
(c) Absolute \& Dynamic
(d) None of the above
10. DNS is an acronym for $\qquad$ .
(a) Domain Name Security
(b) Domain Number System
(c) Document Name System
(d) Domain Name System
B. Answer the following questions:
11. Define the following terms:
(a) URL
(b) Protocol
(c) FTP
(d) Blog
(e) Blogger
(f) $\mathrm{TCP} / \mathrm{IP}$
(g) ARPANET
(h) HTTP
12. Define WWW. How is it different from the Internet?
13. Briefly explain the various types of servers.
14. Differentiate between static webpage and a dynamic webpage.
15. Simran has a hobby of writing articles and short write-ups. She wants to share her views with the world. Suggest what she can do to make her views public and share her thoughts with everyone.
16. What is a Search Engine? How does it work?
17. What is a Web Server? What are the various services provided by web servers, these days?
18. What is a Web Page? How does it work and how is it different from a website?
19. What is meant by Cloud Computing?
20. What is a Web Site? How does it differ from a Web Portal?
21. What are the various steps involved while creating a Web Site? Explain. Discuss the various types of blogs.
22. Name some softwares used to create a Website.
23. What do you mean by a Web Browser?
Q.14. What is the meaning of web services? Discuss the various web-services in brief.
Q.15. What are the benefits of E-mail services over the postal service?
Q.16. How can you use the E-leaning facility for the subjects that you study?
Q.17. Describe the structure of Email box.
Q.18. What is the difference between the Chatting and Videoconferencing?

# KENDRIYA VIDYALAYA RRC FATEGARH 

Holiday Homework

## Class XII- C

## 26 May to 15 Jun 2020

## Accountancy

1. Goodwill - Valuation Question No. $01^{\text {st }}$ to $13^{\text {th }}$ and Question No. $17^{\text {th }}$ to $42^{\text {nd }}$. Page No. - 3.29 to 3.34 from T.S Grewal.
2. Admission of Partner - Ratio Calculation, Question No. $1^{\text {st }}$ to $16^{\text {th }}$. Page No. - 5.86-5.87 from T.S. Grewal.

## Business Studies

Question Paper of 2018 CBSE to be solved with reference to chapters taught.

# HOLIDAY HOMEWORK 

## CLASS-XII A \& B

## SUBJECT-CHEMISTRY

Duration- (25/05/20-07/06/20)

## Instructions for students:

## 1. Attempt all the questions.

2. All questions have to be completed in the homework copy.
3. Last date for submission of the homework is 7/06/20.

Q1. (i) On mixing liquid X and liquid Y , the volume of the resulting solution increases. What type of deviation from Raoult's law is shown by the resulting solution? What change in temperature would you observe after mixing liquids X and Y ? (ii) How can the direction of osmosis be reversed? Write one use of reverse osmosis.

Q2. State Henry's law. Why do gases always tend to be less soluble in liquids as the temperature is raised? Also mention its applications.

Q3. (i) On mixing liquid X and liquid Y , volume of the resulting solution decreases. What type of deviation from Raoult's law is shown by the resulting solution? What change in temperature would you observe after mixing liquids X and Y ? (ii) What happens when we place the blood cell in water (hypotonic solution)? Give reason.

Q4. Vapour pressure of water at $20^{\circ} \mathrm{C}$ is 17.5 mm Hg . Calculate the vapour pressure of water at $20^{\circ} \mathrm{C}$ when 15 g of glucose ( Molar mass $=180 \mathrm{~g}$ mol -1 ) is dissolved in 150 g of water.

Q5. A solution is prepared by dissolving 5 g of non-volatile solute in 95 g of water. It has a vapour pressure of 23.375 mm Hg at $25^{\circ} \mathrm{C}$. Calculate the molar mass of the solute, (vapour pressure of pure water at $25^{\circ} \mathrm{C}$ is 23.75 mm Hg ).

Q6. When 1.5 g of a non-volatile solute was dissolved in 90 g of benzene, the boiling point of benzene raised from 353.23 K to 353.93 K . Calculate the molar mass of the solute. ( Kb for benzene $=2.52 \mathrm{kgmol}^{-1}$ )

Q7. 3.9 g of benzoic acid dissolved in 49 g of benzene shows a depression in freezing point of 1.62 K . Calculate the van't Hoff factor and predict the nature of solute (associated or dissociated):;(Given: Molar mass of benzoic acid $=122 \mathrm{~g} \mathrm{~mol}-1, \mathrm{Ky}$ for benzene $=4.9 \mathrm{~K} \mathrm{~kg}$ mol-1)

Q8. A solution is prepared by dissolving 10 g of non-volatile solute in 200 g of water. It has a vapour pressure of 31.84 mm Hg at 308 K . Calculate the molar mass of the solute. (Vapour pressure of pure water at $308 \mathrm{~K}=32 \mathrm{~mm} \mathrm{Hg}$ )

Q9. Calculate the mass of NaCl (molar mass $=58.5 \mathrm{~g}$ mol-1) to be dissolved in 37.2 g of water to lower the freezing point by $2{ }^{\circ} \mathrm{C}$, assuming that NaCl undergoes complete dissociation. $($ Ky for water $=1.86 \mathrm{~K} \mathrm{~kg} \mathrm{mol-1})$

Q10. Some ethylene glycol, is added to your car's cooling system along with 5 kg of water. If the freezing point of water glycol solution is $-15^{\circ} \mathrm{C}$, what is the boiling point of the solution. $[\mathrm{Kft}=0.52 \mathrm{~K} \mathrm{~kg} \mathrm{~mol}-1$ and $\mathrm{Ky}=1.86 \mathrm{~K} \mathrm{~kg} \mathrm{~mol}-1$ for H 2 O .

Q11. What is the formula of a compound in which the element Y forms ccp lattice and atoms of X occupy $2 / 3$ rd of tetrahedral voids?

Q12. The compound CuCl [Formula mass $=99 \mathrm{~g}$ mol-1] has FCC structure like ZnS . Its density is $3.4 \mathrm{~g} \mathrm{~cm}-3$. What is the length of the edge of unit cell? [NA $=6.02 \mathrm{X} 1023 \mathrm{~mol}-1$ ]

Q13. Define the following:
(i) F-centre (ii) p-type semiconductor
(iii) Ferrimagnetism.

Q14. Examine the given defective crystal:


Answer the following questions:
(i) Is the above defect stoichiometric or non-stoichiometric?
(ii) Write the term used for this type of defect?
(iii) Why do silver halides show this type of defect?

Q15. An element with molar mass 27 g mol-1 forms a cubic unit cell with edge length 4.05 X $10-8 \mathrm{~cm}$. If its density is $2.7 \mathrm{~g} \mathrm{~cm}-3$, what is the nature of the cubic unit cell?

Q16. An element $X$ (molar mass $=60 \mathrm{~g}$ mol- 1 ) has a density of $6.23 \mathrm{~g} \mathrm{~cm}-3$. Identify the type of cubic unit cell, if the edge length of the unit cell is $4 \mathrm{X} 10-8 \mathrm{~cm}$.

Q17. An element with density $11.2 \mathrm{~g} \mathrm{~cm}-3$ forms an fee lattice with edge length of 4 X 108cm. Calculate the atomic mass of the element. (Given: NA $=6.022$ X $1023 \mathrm{~mol}-1$ )

Q18. An element with density $2.8 \mathrm{~g} \mathrm{~cm}-3$ forms a fee unit cell with edge length $4 \mathrm{X} 10-8 \mathrm{~cm}$. Calculate the molar mass of the element. (Given: N. $=6.022$ X 1023 mol-1).

Q19. (i) What type of non-stoichiometric point defect is responsible for the pink colour of LiCl ? (ii) What type of stoichiometric defect is shown by NaCl ?

Q20. How will you distinguish between the following pairs of terms:
(i) Tetrahedral and octahedral voids
(ii) Crystal lattice and unit cell

HOLIDAY HOMEWORK FOR WEEK 3 AND WEEK4 (MAY25,2020-JUNE7,2020)
CLASS- XII A and B
SUBJECT- MATHS
INSTRUCTIONS FOR STUDENTS :-
(1) DO ASSIGNMENTS IN A SEPARATE HOMEWORK COPY.
(2) SUBMIT THE HOMEWORK ON 08-06-2020
(3) GET THE HOMEWORK SIGNED BY YOUR PARENTS BEFORE SUBMITTING.
1.Solve atleast 300 questions from following chapters
2.Relations and functions
3.Inverse trigonometric functions
4.Matrices and determinants

## CLASS XII - (PHYSICS)

## ASSIGNMENT

## INSTRUCTIONS FOR STUDENTS:

(1) DO THESE QUESTIONS IN A SEPARATE HOMEWORK COPY.
(2) SUBMIT THE HOMEWORK ON 08-06-2020.
(3) GET THE HOMEWORK SIGNED BY YOUR PARENTS BEFORE SUBMITTING.

1. A charged rod $P$ attracts rod $R$ where as $P$ repels another charged rod $Q$. What type of force is developed between $Q$ and $R$ ?
2. Which physical quantity has its SI unit (a) C-m (b) J/C?
3. A free proton and a free electron are placed in a uniform electric field. Which of the two experience greater force and greater acceleration?
4. A hollow metal sphere of radius 5 cm is charged such that the potential on its surface is 10 V . What is the electric field at the centre of the sphere?
5. Two protons are brought nearer; how does the potential energy of the system change?
6. Three small identical conducting spheres have charges $-3 \times 10^{-12} \mathrm{C}, 8 \times 10^{-12} \mathrm{C}$ and 4 $x 10^{-12} \mathrm{C}$ respectively. They are brought in contact and then separated. Calculated (a) charge on each sphere after separation (b) number of electrons in excess or deficit on each sphere after separation.
7. An electric dipole when held at $30^{\circ}$ with respect to a uniform electric field of $10^{4} \mathrm{~N} / \mathrm{C}$ experienced a torque of $9 \times 10^{-26} \mathrm{Nm}$. Calculate dipole moment of the dipole?
8. A particle of mass $m$ charge $q$ is released from rest in a uniform electric field of intensity E. Calculate the kinetic energy it attains after moving a distance between the plates?
9. Two point charges $+q$ and $+9 q$ are separated by a distance of $10 a$. Find the point on the line joining the two charges where electric field is zero?
10. Electric charge is uniformly distributed on the surface of a spherical balloon. Show how electric intensity and electric potential vary (a) on the surface (b) inside and (c) outside.
11. Two charges $q$ and $-3 q$ are placed fixed on $x$-axis separated by distance ' $d$ '. Where should a third charge $2 q$ be placed such that it will not experience any force?
12. Two uniformly large parallel thin plates having charge densities $+\sigma$ and $-\sigma$ are kept in the X-Z plane at a distance ' $d$ ' apart. Sketch an equipotential surface due to electric field between the plates. If a particle of mass $m$ and charge ' $-q$ ' remains stationary between the plates, what is the magnitude and direction of this field?
13. Two concentric metallic spherical shells of radii $R$ and $2 R$ are given charges $Q 1$ and Q2 respectively. The surface charge densities on the outer surfaces of the shells are equal. Determine the ratio Q1: Q2.
14. Two tiny spheres, each having mass m kg and charge q coulomb are suspended from a point by insulating threads each of I metre but negligible mass. When the system is in equilibrium, each string makes an angle $\theta$ with the vertical as shown in the fig. prove that
$\mathrm{q}^{2}=16 \mathrm{mg}^{2}\left(\sin ^{2} \theta \tan \theta\right) \pi \xi_{0}$

15. The given graph shows that variation of charge $q$ versus potential difference $V$ for two capacitors $A$ and $B$. The two capacitors have same plate separation but the plate area of $B$ is double than that of $A$. Which of the lines in the graph correspond to $A$ and $B$ ? Justify.

16. If a dielectric slab between the parallel plates of a capacitor is replaced by a metal plate of same thickness $t$ < $d$ where $d$ is the separation between the plates of the capacitor, how does its capacitance change?
17. If a dielectric slab of dielectric constant $K$ is introduced between the plates of a parallel plate capacitor completely, how does the energy density of the capacitor change?
18. Plot a graph for the variation of energy $U$ stored in a capacitor and the capacitance $C$ when the charge stored Q is constant.
19. (a) Use Gauss' law to derive the expression for the electric field E due to straight uniformly charged infinite line of charge density $\lambda \mathrm{C} / \mathrm{m}$.
(b) Draw a graph to show the variation of E with perpendicular distance r from the line of charge.
(c) Find the work done in bringing a charge q from perpendicular distance r 1 to r 2 ( r 2 $>\mathrm{r}$ ).
20. Fig. shows two identical capacitors C 1 and C 2 each of $1.5 \mu \mathrm{~F}$ capacitance, connected to a battery of 2 V . Initially switch ' $S$ ' is closed. After sometime ' $S$ ' is left open and dielectric slabs of dielectric constant $\mathrm{K}=2$ are inserted to fill completely the space between the plates of the capacitors. How will the (a) charge and (b) potential difference between the plates of the capacitors be affected after the slabs are inserted?

2V


# KENDRIYA VIDYALAYA RRC FATEHGARH (U.P) 

## ASSIGNMENT OF SUMMER VACATION(2020-21)

CLASS - XII (HUMANITIES)
SUBJECT : GEOGRAPH
Do it in first fortnight work in separate copy.एक अलग कापी में पहले पखवाड़े में करना है |

1. Read out your textbook and write 5 MCQ type questions from each chapter that were taught you in online classes.
अपनी पाठ्यपुस्तक ध्यान पूर्वक पढिये और प्रत्येक पढाये गए अध्याय से पांच -पांच बहुवैकल्पित प्रश्न लिखिए ।
2. Learn by heart and write three questions of short answer type and two long answer type questions and one value based question from each chapter that were taught in online classes. प्रत्येक पढाये गए अध्याय से तीन लघुउत्तरीय, दो दीर्घउत्तरीय और एक मूल्यआधारित प्रश्नों के उत्तर याद करके लिखिए ।
3. Write the gist (summary) of Human Development and Human Settlement chapters of both books of geography.
भूगोल की दोनों पुस्तकों के मानव विकास और मानव बस्ती अध्यायोंका सारांश लिखिए |
4.You may also watch time to time the youtube videos, Links on the websites provided to you and some Apps like DIKSHA ,Khan Academy , BYJU'S etc.

Do it in last fortnight in a files. अंतिम पखवाड़े में फाइल में करना है |

1. Observe Atlas at least 10 minutes daily and see the location of world countries and their capitals along with important places.

Fill and labelled the following maps.
(a) Prepare 10 outline maps of world related to the chapters of Fundamentals of Human Geography.
(b) Prepare 10 outline maps of India related to the chapters of India :People and Economy.

प्रति दिन 10 मिनट एटलस देखिए और विश्व के देश व उनकी राजधानियां तथा महत्वपूर्ण स्थानों की स्तिथियो को समझिय। नीचे दिये गए मानचित्र कार्यों को पूरा कीजिये ।

## (अ)मानव भूगोल के मूल सिंद्धांत के अध्यायों से विश्व के 10 मानचित्र तैयार कीजिये।

(ब)भारत: लोग और अर्थव्यवस्था के अद्ध्यायों से 10 रेखामानचित्र तैयार कीजिये।
Q.2Do it on practical file, readout the topic 'Spatial Information Technology' of your geography Practical book part 2 and write it in your file along with diagrams.

यह कार्य प्रयोगात्मक फाइल में करना है , भूगोल की प्रयोगात्मक
पुस्तक के अध्याय के स्थानिक सूचना प्रौद्योगिकी को ध्यान से पढिये और अपनी फाइल में चित्रों सहित सुन्दर ढंग से लिखिए ।

Note:- Prepare the project files / models, chart of National integration Parv 2020-21

Ek Bharat Shrestha Bharat on the state Meghalaya in a group ( 2-5 students per group).

एक भारत श्रेष्ठ भारत के अंतर्गत मेघालय राज्य पर प्रोजेक्ट फाइल मॉडल्स और चार्ट्स तैयार कीजिये | एक समूह में दो से पांच सदस्य होगें।
$\qquad$

Class XIIB
Subject Biology
Holiday homework ( $26 / 05 / 2020$ to 07/06/2020) Instructions:-

1. Do all the Assignments in the Homework notebook.
2. Kindly submit your 3rd nd 4 th week work on 07.06.2020 on biology whatsapp group.
3. Take signature of parents after completing work of each week
4.Submit work of week 1 nd week 2 on biology whatsapp group on 26/05/2020

3rd week homework:-

## Assignment of chapter:Sexual reproduction in flowering plants

- Your answer should be brief and relevant

1 What is agamospermy? 1
2 Can snails pollinate the flowers? What do you call such a pollination? 1
3 In some species of Asteraceae and grasses, seeds are formed without fusion of gametes. Give the scientific term for such type of reproduction.
4 How are pollen stored in a pollen bank?
5 Hypanthodium is a special type of inflorescence. Then what is hypanthium? 1
6 In the embryos of a typical dicot and a grass, which are the true homologous 1 structures?
7 State two differences between Perisperm and Pericarp
2
8 Draw L.s of anatropous ovule of an angiosperm and label a) Nucellus b) Secondary 2 nucleus.
9


Identify the type of placentations and define them
10 a) Draw a labeled sectional view of albuminous seed. 2
b) Give two advantages of seeds to flowering plants

11 Continued self pollination lead to inbreeding depression. List three devices, which flowering plant have developed to discourage self pollination?

## 4 th week homework:-

## Assignment of chapter :- Human Reproduction

- Your answer should be brief and relevant
$1 \quad$ Where fertilization does takes place in human female? 1
2 Which cells of embryo have potency to give rise to all tissues and organs? 1
3 Write two major functions of ovary. 1
4 How many eggs are released by human female in a month? 1
$5 \quad$ Which hormone is involved in induction of parturition? 1
6 What is colostrum? 1
7 Why testes are situated outside the abdominal cavity within a pouch called scrotum? 2
$8 \quad$ Identify major differences between spermatogenesis and oogenesis? 2
9 Label $A, B, C$ and $D$ in the following schematic representation of oogenesis.
2


Write the function of each one of the following:

1. Seminal vesicle
2. Luteinising hormone in males

Draw a labeled diagram of the microscopic structure of sperm. $\mathbf{3}$
Identify the stage $b, c, d$, $e$ and $f$ of embryonic development by looking at the diagrams $\mathbf{3}$ given below:



1. Read the lesson ETigerking from vistas and complete the exercises.
2. Complete C.B.S.E. Worksheet 3 of 4 .
3. Revise all the lessor dove.
4. Prepare the speaking exercises.
5. Wale down one word from the Dictionary as word of the bay and role down two newspaper tleadlines day wise.
Complete all these exercises in a separable file.

Subject Teacher
Mrs. SUJATA PAL P.G.T. Eng g. つc゙aIIIIEU vv

गर्मी की छुट्टियों का गृह्हकार्य

कक्षा-बार हीवीं

1- अप्रैल तथा मई में पढ़ाया एवं लिखाया गया सम्पूर्ण कार्य याद काजिए
2. देश की अर्ध व्यवस्था पर लगभग 150 शब्दों का एक कीचर लिखिए
3- विश्व में कोरोना द्वारा फैली महामारी पर 150 शन्दों का एक आलेख लिखिए
4- अलग से एक कापी बनाकर रोज एक पेज श्रतत्लेख लिखिए

SUMMER HOLIDAY HOMEWORK PART II (2020-21)
SUBJECT: ENGLISH
Class: XII SECTIONS: A and D
SUBJECT TEACHER: MRS. MONAL GUPTA
In continuation with the Summer Holiday Assignment allocated for 15 days at the beginning of the Summer break, the following assignment is to be attempted in the next 15 days on an everyday basis and completed by JUNE 20,2020. This assignment is in no way to burden you but to strengthen you for the challenges that lie ahead. So, attempt it with a positive frame of mind.

## INSTRUCTIONS

- Attempt all questions.
- These are to be done in a simple file (One which has a detachable spine). Kindly continue in the same file, where the first assignment is being done.
I. Regularly revise all the chapters (prose and poems) done in literature.
II. Regularly revise all the Writing Skills topics done till now.
III. Continue to browse the Dictionary App that you have downloaded and note down in your file datewise:
- Word of the Day
- Meaning of the word
- Usage in a sentence
IV. Make the optimum use of the English newspaper App (e.g., TOI, Indian Express etc.) that you have downloaded and read on a daily basis. Also:
a. Note down five news headlines from each day, date wise.
b. Note down two reports that appear in the newspaper, particularly related to any institute/accident/mishap etc. Pay attention to the language used and try to get a fair idea of how reports must be written.
c. Make special efforts to read the Editorial section.


## 1. COMPREHENSION TASK: NOTE MAKING \& SUMMARY

1. On the basis of your reading of the above passage, make notes using headings and subheadings. Use recognizable abbreviations, wherever necessary.
2. Write a summary of the passage in not more than 80 words using the notes made.

## PASSAGE 1

1. The small village of Somnathpur contains an extraordinary temple, built around 1268 A.D. by the Hoyasalas of Karnataka-one of the most prolific temple builders. Belur and Helebid are among their-better-known works. While these suffered during the invasions of the 14th century, the Somnathpur temple stands more or less intact in near-original condition.
2. This small temple captivates with the beauty and vitality of its detailed sculpture, covering almost every inch of the walls, pillars, and even ceilings. It has three shikharas and stands on a starshaped, raised platform with 24 edges. The outer walls have a profusion of detailed carvings: the entire surface run over by carved plaques of stone. There were vertical panels covered by exquisite figures of gods and goddesses. with many incarnations being depicted. There were nymphs too, some carrying an ear of maize (a symbol of plenty and prosperity.
3. The elaborate ornamentation, very characteristic of Hoyasala sculptures, was a remarkable feature. On closer look - and it is worth it - the series of friezes on the outer walls revealed intricately carved caparisoned elephants, charging horsemen, stylized flowers, warriors, musicians, crocodiles, and swans.
4. The temple was actually commissioned by Soma Dandanayaka or Somnath (he named the village after himself), the minister of the Hoyasala king, Narasimha the Third. The temple was built to house three versions of Krishna. The inner center of the temple was the kalyana mandapa. Leading from here were three corridors, each ending in a shrine, one for each kind of KrishnaVenugopala, Janardana and Prasanna Keshava, though only two remain in their original form. In the darkness of the sanctum sanctorum, I tried to discern the different images. The temple's sculptural perfection is amazing and it includes the doors of the temple and the three elegantly carved towers.

## PASSAGE 2

1. I remember my childhood as being generally happy and can recall experiencing some of the most carefree times of my life. But I can also remember, even more vividly, moments of being deeply frightened. As a child, I was truly -terrified of the dark and getting lost. These fears were very real and caused me some extremely uncomfortable moments.
2. Maybe it was the strange way things looked and sounded in my familiar room at night that scared me so much. There was never total darkness, but a street light or passing car lights made clothes hung over a chair take on the shape of an unknown beast. Out of the corner of my eye, I saw curtains move when there was no breeze. A tiny creak in the floor would sound a hundred times louder than in the daylight and my imagination would take over, creating burglars and monsters. Darkness always made me feel helpless. My heart would pound and I would lie very still so that 'the enemy' wouldn't discover me.
3. Another childhood fear of mine was that I would get lost, especially on the way home from school. Every morning, I got on the school bus right near my home-that was no problem. After school, though, when all the buses were lined up along the curve, I was terrified that I would get on the wrong one and be taken to some unfamiliar neighbourhood. I would scan the bus for the faces of
my friends, make sure that the bus driver was the same one that had been there in the morning, and even then ask the others over and over again to be sure I was in the right bus. On school or family trips to an amusement park or a museum, I wouldn't let the leaders out of my sight. And of course, I was never very adventurous when it came to taking walks or hikes because I would go only where I was sure I would never get lost.
4. Perhaps, one of the worst fears I had as a child was that of not being liked or accepted by others. First of all, I was quite shy. Secondly, I worried constantly about my looks, thinking people wouldn't like me because I was too fat or wore braces. I tried to wear 'the right clothes' and had intense arguments with my mother over the importance of wearing flats instead of saddled shoes to school. Being popular was very important to me then and the fear of not being liked was a powerful one.
5. One of the processes of evolving from a child to an adult is being able to recognise and overcome our fears. I have learnt that darkness does not have to take on a life of its own, that others can help me when I am lost and that friendliness and sincerity will encourage people to like me. Understanding the things that scared us as children helps to cope with our lives as adults.

## 2. WRITING SKILL BASED TASK

CHOOSE YOUR TASK AS PER YOUR ROLL NO. OF CLASS XI. WRITE THE ARTICLE (TASK A) AND THE SPEECH (TASK B) IN 150-200 WORDS.

## Roll No 1:

## Article- Fashion \& Modern Youth

Speech- "Each one, Teach One".
Roll No 2: Article- Internet \& Child Safety
Speech- Drug Addiction among Youth
Roll No 3: Article- Role of Youth in National Integration and Communal Harmony
Speech- Corruption in India
Roll No 4: Article- Fast Food and Your Health
Speech- Consumer Rights and Consumer Awareness
Roll No 5: Article- Indian Democracy and Young Voters
Speech-Yoga for Good Health
Roll No 6: Article- Stray Animals Cry for help
Speech- Role of Media
Roll No 7: Article- Eco-Tourism for a Greener, Safer and Friendlier Earth
Speech- A Farewell Address in the morning assembly as you are leaving
the school

Roll No 8: Article- Women Empowerment
Speech- Global Warming
Roll No 9: Article- Terrorism
Speech- Neat Campus, Sweet Campus
Roll No 10: Article- The India of My Dreams
Speech- Avoid Junk Food
Roll No 11: Article- Time Management
Speech- Career Counselling
Roll No 12: Article- Advertisements and Consumer Awareness
Speech- Environmental Pollution
Roll No 13: Article- Science and Religion
Speech- Value of Sports and Games
Roll No 14: Article- Role of Educated Society in Curbing Child Labour"
Speech- Generation Gap
Roll No 15: Article- Negative impact of reality shows on children.
Speech- As the Head Gir/Head Boy l of the school prepare a speech to welcome the new batch of class XI students

Roll No 16: Article- Adulteration a Monstrous Evil'.
Speech- Conserve Environment or Perish
Roll No 17: Article- Yoga for Good Health
Speech- "Role of Students in Protecting the Environment".
Roll No 18: Article- Internet \& Child Safety
Speech- Importance of Counselling in Schools
Roll No 19: Article- Role of Youth in National Integration and Communal Harmony
Speech- Difficulties faced by Senior citizens
Roll No 20: Article- Fast Food and Your Health
Speech- World Father's Day
Roll No 21: Article- Status of Women in the Society

## Speech- Importance of Sports \& Outdoor games

Roll No 22: Article- Water is very precious. Some scientists even go to the extent of
saying that the Third World War may be fought on the issue of water.
"Save Water"
Speech- Ragging-an evil
Roll No 23: Article- Man Can Create Technology, but Not Peace
Speech - Harmful effects of the insanitary conditions in your town. Write a short speech on the necessity of sanitation, to be given at the morning assembly in your school.

Roll No 24: Article- Fashion \& Modern Youth
Speech- 'Films and their influence on school-going children'
Roll No 25: Article- Rising Prices
Speech- Drug Addiction among Youth
Roll No 26: Article- Role of Youth in National Integration and Communal Harmony
Speech-The Role of the Students in Removing Illiteracy.'
Roll No 27: Article- Fast Food and Your Health
Speech- Consumer Rights and Consumer Awareness
Roll No 28: Article- Yoga for Good Health
Speech- Write a debate either in favour of or against the topic "Mobile
Phone and Social Development of the Children".
Roll No 29: Article- Stray Animals Cry for help
Speech- Indian Democracy and Media Responsibility
Roll No 30: Article- Eco-Tourism for a Greener, Safer and Friendlier Earth
Speech- A Farewell Address
Roll No 31: Article- Fashion \& Modern Youth
Speech- "Each one, Teach One".
Roll No 32: Article- Internet \& Child Safety
Speech- Drug Addiction among Youth
Roll No 33: Article- Role of Youth in National Integration and Communal Harmony
Speech- Corruption in India
Roll No 34: Article- Fast Food and Your Health
Speech- Consumer Rights and Consumer Awareness

## Roll No 35: Article- Indian Democracy and Young Voters

## Speech-Yoga for Good Health

Roll No 36: Article- Stray Animals Cry for help
Speech- Role of Media
Roll No 37: Article- Eco-Tourism for a Greener, Safer and Friendlier Earth
Speech- A Farewell Address in the morning assembly as you are leaving
the school
Roll No 38: Article- Women Empowerment
Speech- Global Warming
Roll No 39: Article- Terrorism
Speech- Neat Campus, Sweet Campus
Roll No 40: Article- The India of My Dreams
Speech- Avoid Junk Food

TASK C. Read the following literature lessons from FLAMINGO and write their themes in about 100 words.

1) Deep Water
2) The Rattrap
3) Indigo
4) Going Places

## 3. SPEAKING SKILL BASED TASK

Choose a suitable topic from the following suggested list. Record a two minutes' speech and send the video to the concerned Class WhatsApp Group.
(June 1-June 10):
Dangers that Humans pose to nature
Life in Quarantine
My Favourite Book/Writer
My Goal in Life
Online Learning: Pros and Cons

## (June 11-June 20):

A Vision without a Plan does not yield any result.
Importance of Developing a Hobby
Internet: A Boon or a Bane
Travelling Makes Us Knowledgeable
A Fight Against Corona: Stay Home, Stay Safe

## RECOMMENDED READING

1. Mill on the Floss by George Eliot
2. Sense and Sensibility by Jane Austen
3. To Kill a Mockingbird by Harper Lee
4. The Green Dwarf by Charlotte Bronte
5. American Born Chinese by Gene Luen Yang
