Summer break holiday 's Home work

Class - 6 to 10

Subject Drawing

Take one chart paper sheet or ivory sheet for making a poster /painting on anyone given topic.

* G20

* NEP 2020

* Sports

* Our culture

* Happy planet

*Folk art

* Art Integrated learning project on any subject

*Any theme of your choice

Kendriya Vidyalaya ONGC

Class -IX A

Holiday home work

Q1-write a note on revolt of 1857 (100-180)

Q2-write the article about the following social reformer (50 words each)

(i)Mahatma gandhi

(ii) nelson mandela

(iii) jyotirao phule

(iv) savitribai phule

(v) swami vivekanand

Q3-preamble [book-democrati'c politic's chapter -3, constitutional design] page-51

Q4-what are tge benefits of long cost line for india ?

Q5-make the list of the states where coal deposits are found with the name of mines?

Q6-locate and label the following on the map-

- (i) 10 river
- (ii) State and capitals
- (iii) National park and wild life santuaries

Q7- Locate and label the following map form of dance with states of India on the map-
(i) Sattriya
(ii) Mohiniattam
 (iii) Bharatnatyam
(iv) Kuchipudi
(V) Kathak
 (vi) Katte kathakali Odissi
(vii) Odissi
(ix)Lavani & Dindi

 (x) Ghooma

 (xi) Biku.

KENDRIYA VIDYALAYA ONGC DEHRADUN
SUMMER VACATION HOMEWORK
CLASS-IX D SUBJECT: - SOCIAL SCIENCE

Make Project on Ukraine Russia War and its Consequences.

Make Notes on-
1. Socialism in Europe & Russian Revolution Ch-2 History
2. Constitutional Design (Pol. Science)
   *Make a Note on Ukraine-Russia War (50-100 words)
   *Biography of APJ Abdul Kalam (Missile man)

KENDRIYA VIDYALAYA ONGC DEHRADUN
SUMMER VACATION HOMEWORK
CLASS-IX E SUBJECT: - SOCIAL SCIENCE

(1) The central location of India at the head of the Indian Ocean is considered of great significance. Why?
(2) What are non-farming activities of village Palampur?
(3) What are factors of production?
(4) What is democracy?
(5) Sketch the G[obe and locate the location of india?
(6) What were the reasons of French Revolution?
(7) Why time is measured from 82 ½^0 longitude in India?
(8) What are neighboring countries of India?
(9) How electricity helps people of Palampur?
(10)Write the Neighboring countries of India?

PROJECT WORK
(1) Make scrapbook/project/wall magazine on "Historical events of freedom movement of India from 1857 to 1947"
(2) Make scrapbook/project/wall magazine/ppt on "Historical monuments of Haryana"
(3) write ten important Tourist place in uttarakhand and locate in uttarakhand map and explain in brief?

Summer Vacation Home work
Class IX
Subject : English

1.Read story no. 3 to 5 of Moments and write the summary in short.(120 words HHW notebook)

2.Read chapter 3 to 5 of Main book Beehive.Write the main points covering the whole chapter and word meanings chapterwise.
(HHW notebook)

3.Read and revise all the chapters done so far and prepare yourself for the test.

4.Write a page of diary entry expressing your feelings when you were given a surprise by your friend/parents. (HHW notebook)

5.Write a story of your own starting with

One day …… (HHW notebook)

6.Write a travelogue or memoir.(separat A 4 sheet and printed one)

First Term's Project
1.Read the English newspaper daily.Select any five interesting news items.Paste them in file.Highlight the difficult words and write their meanings after consulting the dictionary.
Frame short questions based on the same news and write the answers.

2.Compose one or two short poems and write them in file.

3. Write and learn any two poems (other than the text book) based on patriotism or motivation.

4.Make a survey on cashless payment.
A.Prepare a questionnaire
B.Draw a table based on the response
C Draw a bar graph based on the response
D.Write a research paper
E. Paste the icons of different modes of payment.Give captions to them.

5.Get a detailed information about Millets (Shri Ann) and paste related pics.
Or
Select any one of the following topics and prepare a detailed research paper:
• Climate Change and its impact
• Reforms for Multilateral institutions
• Circular Economy and Lifestyle for Environment
• Digitalization of Agriculture /Trade/Skills
• Women atthe core of the Development Agenda/Women-led Development

6.Read a book of your choice(list available on school website) and write book review with your own reflections.
Suggested Books
Geetanjali by RN Tagore
Wings of Fire by APJ Abdul Kalam
Autobiography of Nelson Mandela
Ruskin Bond

कक्षा IX हिन्दी

पत्र लेखन

→ स्वाइन फ़्लू और बर्ड फ्लू के बढ़ते प्रकोप को देखते हुए चिकित्सा सुविधाओं की ओर ध्यान आकर्षित कराते हुए अपने राज्य मंत्री को पत्र लिखिए |

→ आपके छोटे भाई/बहन को सितार वादन प्रतियोगिता में पुरस्कार मिला है, उसको बधाई देते हुए पत्र लिखिए |

व्याकरण

→ समास और उसके भेद उदाहरण सहित लिखिए |

अनुच्छेद लेखन

→ व्यायाम और स्वास्थ्य

→ विज्ञापन की दुनिया

पुस्तक समीक्षा

→अपनी मनपसन्द हिंदी की पुस्तक पढ़कर लगभग 150 शब्द में समीक्षा लिखिए |

परियोजना कार्य

→ भक्तिकाल के प्रमुख कवि

→देशभक्ति/प्रेरणादायक चार कविताओं का संग्रह कीजिये तथा कविताओं को याद भी कीजिए |

पोर्टफोलियो (स्ववृत)

→अपना पोर्टफोलियो तैयार कीजिए |

Class 9 Maths Holiday H.W

1.Revise All the work done in class.

2. Read about Jantar mantra and write 10 sentences about it.

Study in detail about any instrument and write Mathematics involved in it.

http://www.art-and-archaeology.com/india/jaipur/jan1.html

OR

Learn & Practice any vedic method for mental calculations.

3..Do following worksheet in the pages of file to strengthen your understanding.

MCQ WORKSHEET-I
CLASS IX : CHAPTER - 1
NUMBER SYSTEM

1. Rational number $\frac{3}{40}$ is equal to:
   (a) 0.75   (b) 0.12   (c) 0.012   (d) 0.075

2. A rational number between 3 and 4 is:
   (a) $\frac{3}{2}$ (b) $\frac{4}{3}$ (c) $\frac{7}{2}$ (d) $\frac{7}{4}$

3. A rational number between $\frac{3}{5}$ and $\frac{4}{5}$ is:
   (a) $\frac{7}{5}$ (b) $\frac{7}{10}$ (c) $\frac{3}{10}$ (d) $\frac{4}{10}$

4. A rational number between $\frac{1}{2}$ and $\frac{3}{4}$ is:
   (a) $\frac{2}{5}$ (b) $\frac{5}{8}$ (c) $\frac{4}{3}$ (d) $\frac{1}{4}$

5. Which one of the following is not a rational number:
   (a) $\sqrt{2}$ (b) 0   (c) $\sqrt{4}$ (d) $\sqrt{-16}$

6. Which one of the following is an irrational number:
   (a) $\sqrt{4}$ (b) $3\sqrt{8}$ (c) $\sqrt{100}$ (d) $-\sqrt{0.64}$

7. Decimal representation of $\frac{1}{5}$ is :
   (a) 0.2   (b) 0.5   (c) 0.02   (d) 0.002

8. $3\frac{3}{8}$ in decimal form is:
   (a) 3.35   (b) 3.375   (c) 33.75   (d) 337.5

9. $\frac{5}{6}$ in the decimal form is:
   (a) $0.8\overline{3}$ (b) $0.8\overline{33}$ (c) $0.6\overline{3}$ (d) $0.6\overline{33}$

10. Decimal representation of rational number $\frac{8}{27}$ is:
    (a) $0.\overline{296}$ (b) $0.2\overline{96}$ (c) $0.29\overline{6}$ (d) 0.296

1. Which one of the following is a rational number:

    (a) $\sqrt{3}$　　(b) $\sqrt{2}$　　(c) 0　　(d) $\sqrt{5}$

2. 0.6666 in $\dfrac{p}{q}$ form is:

    (a) $\dfrac{6}{99}$　　(b) $\dfrac{2}{3}$　　(c) $\dfrac{3}{5}$　　(d) $\dfrac{1}{66}$

3. $4\dfrac{1}{8}$ in decimal form is:

    (a) 4.125　　(b) $4.\overline{15}$　　(c) $4.1\overline{5}$　　(d) $0.\overline{415}$

4. The value of $\left(3+\sqrt{3}\right)\left(3-\sqrt{3}\right)$ is:

    (a) 0　　(b) 6　　(c) 9　　(d) 3

5. The value of $\left(\sqrt{5}+\sqrt{2}\right)^{2}$ is:

    (a) $7+2\sqrt{5}$　　(b) $1+5\sqrt{2}$　　(c) $7+2\sqrt{10}$　　(d) $7-2\sqrt{10}$

6. The value of $\left(\sqrt{5}+\sqrt{2}\right)\left(\sqrt{5}-\sqrt{2}\right)$ is:

    (a) 10　　(b) 7　　(c) 3　　(d) $\sqrt{3}$

7. The value of $\left(3+\sqrt{3}\right)\left(2+\sqrt{2}\right)$ is:

    $(a) 6+3\sqrt{2}+2\sqrt{3}+\sqrt{6}$
    $(b) 3+3\sqrt{2}+3\sqrt{3}+6$
    $(c) 6-3\sqrt{2}-2\sqrt{3}-\sqrt{6}$
    $(d) 6-3\sqrt{2}+2\sqrt{3}-\sqrt{6}$

8. The value of $\left(\sqrt{11}+\sqrt{7}\right)\left(\sqrt{11}-\sqrt{7}\right)$ is:

    (a) 4　　(b) -4　　(c) 18　　(d) -18

9. The value of $\left(5+\sqrt{5}\right)\left(5-\sqrt{5}\right)$ is :

    (a) 0　　(b) 25　　(c) 20　　(d) -20

10. On rationalizing the denominator of $\dfrac{1}{\sqrt{7}}$, we get

    (a) 7　　(b) $\dfrac{\sqrt{7}}{7}$　　(c) $\dfrac{-\sqrt{7}}{7}$　　(d) $\sqrt{7}$

1. Which of the following is true?
   (a) Every whole number is a natural number (b) Every integer is a rational number
   (c) Every rational number is an integer (d) Every integer is a whole number

2. For Positive real numbers a and b, which is not true?
   (a) $\sqrt{ab} = \sqrt{a}\sqrt{b}$ (b) $\left(a + \sqrt{b}\right)\left(a - \sqrt{b}\right) = a^2 - b$
   (c) $\sqrt{\dfrac{a}{b}} = \dfrac{\sqrt{a}}{\sqrt{b}}$ (d) $\left(\sqrt{a} + \sqrt{b}\right)\left(\sqrt{a} - \sqrt{b}\right) = a + b$

3. Out of the following, the irrational number is
   (a) $1.\bar{5}$ (b) $2.4\overline{77}$ (c) $1.2\overline{77}$ (d) π

4. To rationalize the denominator of $\dfrac{1}{\sqrt{a}+b}$, we multiply this by
   (a) $\dfrac{1}{\sqrt{a}+b}$ (b) $\dfrac{1}{\sqrt{a}-b}$ (c) $\dfrac{\sqrt{a}+b}{\sqrt{a}+b}$ (d) $\dfrac{\sqrt{a}-b}{\sqrt{a}-b}$

5. The number of rational numbers between $\sqrt{3}$ and $\sqrt{5}$ is
   (a) One   (b) 3   (c) none   (d) infinitely many

6. If we add two irrational numbers, the resulting number
   (a) is always an irrational number   (b) is always a rational number
   (c) may be a rational or an irrational number (d) always an integer

7. The rationalizing factor of $7 - 2\sqrt{3}$ is
   (a) $7 - 2\sqrt{3}$ (b) $7 + 2\sqrt{3}$ (c) $5 + 2\sqrt{3}$ (d) $4 + 2\sqrt{3}$

8. If $\dfrac{1}{7} = 0.\overline{142857}$, then $\dfrac{4}{7}$ equals
   (a) $0.\overline{428571}$ (b) $0.\overline{571428}$ (c) $0.\overline{857142}$ (d) $0.\overline{285718}$

9. The value of n for which $\sqrt{n}$ be a rational number is
   (a) 2   (b) 4   (c) 3   (d) 5

10. $\dfrac{3\sqrt{12}}{6\sqrt{27}}$ equals
    (a) $\dfrac{1}{2}$ (b) $\sqrt{2}$ (c) $\sqrt{3}$ (d) $\dfrac{1}{3}$

11. $\left(3 + \sqrt{3}\right)\left(3 - \sqrt{2}\right)$ equals
    (a) $9 - 5\sqrt{2} - \sqrt{6}$ (b) $9 - \sqrt{6}$ (c) $3 + \sqrt{2}$ (d) $9 - 3\sqrt{2} + 3\sqrt{3} - \sqrt{6}$

12. The arrangement of $\sqrt{2}, \sqrt{5}, \sqrt{3}$ in ascending order is
    (a) $\sqrt{2}, \sqrt{3}, \sqrt{5}$ (b) $\sqrt{2}, \sqrt{5}, \sqrt{3}$ (c) $\sqrt{5}, \sqrt{3}, \sqrt{2}$ (d) $\sqrt{3}, \sqrt{2}, \sqrt{5}$

13. If m and n are two natural numbers and $m^n = 32$, then n^{mn} is
    (a) 5^2 (b) 5^3 (c) 5^{10} (d) 5^{12}

14. If $\sqrt{10} = 3.162$, then the value of $\dfrac{1}{\sqrt{10}}$ is
    (a) 0.3162   (b) 3.162   (c) 31.62   (d) 316.2

15. If $\left(\dfrac{3}{4}\right)^6 \times \left(\dfrac{16}{9}\right)^5 = \left(\dfrac{4}{3}\right)^{x+2}$, then the value of x is
    (a) 2   (b) 4   (c) -2   (d) 6

http://www.art-and-archaeology.com/india/jaipur/jan1.html
   OR
Learn & Practice any Vedic method for calculation.

HOLIDAY HOMEWORK(SUMMER VACATIONS 2023-24)
SUBJECT- SCIENCE
CLASS-IX

- Make a project on the topic "Improvement in food resources".Under any one of the following topics.
  (i)Improvement on Crop Yields.
  (ii) Animal Husbandry
- Write these practicals in your practical notebook.
  1. Preparation of:
  a) a true solution of common salt, sugar and alum
  b) a suspension of soil, chalk powder and fine sand in water
  c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between
  these on the basis of
    - transparency
    - filtration criterion
    - stability
  2. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record
  observations and draw their labeled diagrams.
- Write about these scientist and their contribution (word limit between 50-100 words)
- Robert hooke
- John Dalton
- J.J.Thomson
- Leeuwenhoek
- E.Rutherford.
- Complete all your work done during classroom teaching.
- Do NCERT exampler question answers of chapter "Matter in our surroundings" and "The fundamental unit of life:Cell" in a separate notebook.