

**KENDRIYA VIDYALAYA ONGC ANKLESWHAR
SUMMER VACATION HOLIDAY HOMEWORK
SESSION -2023-24**

LASS-IX

SUBJECT :-SCIENCE

- 1. Write name, symbol, atomic number of elements upto atomic number -40**
- 2. Draw well labelled diagram of plant cell, animal cell, and cell organelles on A-4 size paper and write their function also.**
- 3. Prepare portfolio for science subject. And keep above work in that portfolio**


28/4/2023

Homework for summer vacation

Class 9 A/B

Subject=Physics

Q1- Can a body have constant speed and still have a varying velocity?

Q2- A race car accelerate on a straight road from rest to a speed of 180km/h in 25 sec. Find distance covered in this time.

Q3- To drive graphically

$$S=ut+\frac{1}{2}at^2$$

Q4- A car travel along a straight line for a first half time with speed of 50km/h and second half time with speed 60km/h. Find the average speed of car.

Q5- Define the following term

[1]-Positive acceleration

[2]-Negative acceleration

[3]-Uniform circular motion

[4]-Variable velocity

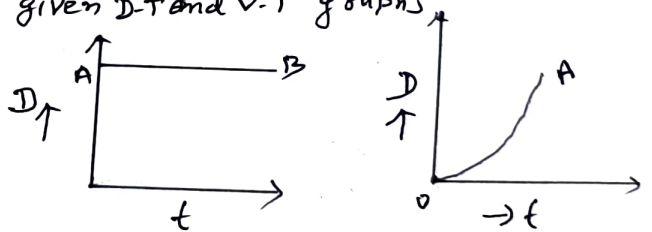
Q6- A bullet travelling with a speed of 16m/s penetrate a tree trunk and comes to rest in 0.4m. Find time taken during retardation.

Q7- Discuss the nature of ~~motion~~ from The given D-T and V-T graphs

[1]-D-T

[2]-V-T

[3]-Uniform motion and non-uniform motion



MACS
IX A/B

कक्षा - नवमी

(विषय - संस्कृत)

- प्रश्न-① सन्धि पर परियोजना कार्य ।
- प्रश्न ② शब्दरूप व धातु रूप को सौदाहरण समझाओ ।
- प्रश्न ③ कत्वा, तुमुन व ल्यप प्रत्यय को सौदाहरण (With examples) स्पष्ट करो ।
- प्रश्न - ④ 'सर्वनाम शब्द' शीर्षक के तहत तत्, इत्, किम्, अस्मद् व युष्मद् शब्द रूप लेखन
- प्रश्न- ⑤ "उच्चारण स्थान" शीर्षक के तहत चित्र द्वारा उच्चारण स्थानों का संकेत व वर्णमाला के वर्णों को उच्चारण स्थान के अनुसार तालिका में जमाओ ।

कक्षा - दशमी 2023-24

(विषय - संस्कृत)

- प्रश्न ① शुचि पर्यावरण पाठ का श्लोक के साथ अर्थ स्पष्ट करौ
- प्रश्न ② धातुरूप व शब्दरूप शीर्षक पर परियोजना कार्य
- प्रश्न ③ "समय लेखनम्" शीर्षक पर सार्ध, सपाद, घादोन शब्दों का घटिका चित्र द्वारा प्रदर्शन
- प्रश्न - ④ "व्यंजन सन्धि" की सौदाहरण व्याख्या ।
- प्रश्न - ⑤ महेश्वरी सूत्रों की व्याख्या समझाओ व सन्धि में इनकी प्रासंगिकता स्पष्ट करो ।

केंद्रीय विद्यालय ओएनजीसी अंकलेश्वर

*कक्षा 9 (हिंदी)

ग्रीष्मकालीन अवकाश गृहकार्य-

1. हिंदी किसान के जीवन पर 100 शब्दों में अनुच्छेद लिखें।
2. अपनी किसी एक यात्रा का संक्षिप्त सचित्र वर्णन करें।
3. अपने बड़े भाई की शादी में शामिल होने के लिए तीन दिन के अवकाश हेतु प्राचार्य को पत्र लिखें।
4. 'परिश्रम का महत्व' विषय पर आधारित लघुकथा लिखें।
5. अपना पाठ्य - पुस्तक से उपसर्ग एवं प्रत्यय वाले 20-20 शब्द खोजकर लिखिए।

परियोजना कार्य (A4 पेपर/प्रोजेक्ट फ़ाइल/ स्क्रेप बुक/ शूलेस फ़ाइल)

1. तिब्बती समाज से संबंधित परियोजना कार्य - तिब्बती समाज की भौगोलिक स्थिति, खान-पान, रहन-सहन, भाषा शैली, धार्मिक स्थल, कानून व्यवस्था
2. मुंशी प्रेमचंद के व्यक्तित्व एवं कृतित्व परियोजना कार्य।

Sarita
TUTA - Hindi

Sub:- MathsSummer Vacation Holiday Homework

Q1. Find five rational number between

(i) $\frac{2}{5}$ and $\frac{6}{8}$

(ii) $\frac{-3}{5}$ and $\frac{-2}{7}$

Q2. Define the 'terms' with examples:

(i) Rational number

(ii) Irrational number

(iii) Terminating number

(iv) Non-terminating number

(v) Real number

Q3. Show on the number line.

(a) $\sqrt{3}$ (b) $\sqrt{5}$ (c) $\sqrt{7}$ (d) $\sqrt{3.2}$

Q4. Solve the following and also write the laws of exponents.

(a) $\frac{17^2 \cdot 17^5}{17^5}$ (b) $\frac{2^{2/3} \cdot 2^{1/4}}{2^{3/2}}$

Q5. Find: (a) $(16)^{3/4}$ (b) $\frac{11^{1/2}}{11^{1/4}}$ (c) $(3^{1/5})^4$

Q6. Rationalise the denominator.

(a) $\frac{6 + \sqrt{2}}{\sqrt{2}}$ (b) $\frac{\sqrt{3} - 2}{\sqrt{5} - \sqrt{3}}$

Q7. Write any 10 cubic algebraic expressions and write their coefficients of x^3 , x^2 & x .

Q8. Find zeroes of the following

(i) $p(x) = 3x - 5$

(ii) $p(x) = x - 2$

(iii) $p(x) = ax + b$

Q9. Check whether $7 + 3x$ is a factor of $3x^2 + 7x$.

Q10. Activity.

Topic: (i) Facts about Numbers.

(ii) Rational / Irrational numbers.

(iii) Plotting square roots on the no. line.

(iv) Importance of mathematics in our daily life.

SUMMER VACATION HOLIDAY HOMEWORK

CLASS-IX A, IX B ENGLISH

1. MAKE A LIST OF 10 ANTONYMS AND USE IN SENTENCE.(FROM STARTING TWO CHAPTERS OF BEEHIVE)
2. MAKE A LIST OF 10 LITERARY ICONS WHO HAVE CONTRIBUTED IN LITERATURE AND NOTABLE WORK. (PASTE PHOTOS)
3. WRITE A LETTER TO THE EDITOR ON PROTECT ENDANGERED SPECIES. YOU ARE KARAN/ KIRAN FROM 16,NHRU ROAD, NEW DELHI. WORD LIMIT- 120 TO 150
- 4 READ FIVE TALES OF SHAKESPEARE .WRITE A BRIEF BOOK REVIEW ON ANY ONE TALE..
- 5.PREPARE TENSE CHART WITH EXAMPLES. YOU CAN EITHER PASTE OR DRAW PICTURES.
6. REVISE AND LEARN ALL THE EXERCISES OF CHAPTERS AND POEMS, WE HAVE COMPLETED SO FAR.



SUMMER VACATION HOLIDAY HOMEWORK

KENDRIYA VIDYALAYA ONGC ANKLESHWAR

SUMMER HOLIDAY HOMEWORK

CLASS IX

SUBJECT-SOCIAL SCIENCE

- Complete the worksheets given in homework notebook.
- Revise the chapters taught in month of April.
- Every student has to compulsorily undertake one project on Disaster Management

Instructions:

- i) Objectives: The main objectives of giving project work on Disaster Management to the students are to:
- a. Create awareness in them about different disasters, their consequences and management
 - b. Prepare them in advance to face such situations
 - c. Ensure their participation in disaster mitigation plans
 - d. Enable them to create awareness and preparedness among the community.
- ii) If possible, various forms of art may be integrated in the project work.
- iii) The Project Report can be handwritten or digital.
- iv) The Project Work needs to enhance cognitive, affective and psychomotor skills of the learners. It will include self-assessment and peer assessment, and progress of the child in project-based and inquiry-based learning, art integrated activities, experiments, models, quizzes, role plays, group work, portfolios, etc., along with teacher assessment. (NEP-2020)