

SHIKSHA NIKETAN SENIOR SECONDARY SCHOOL JEEVAN NAGAR JAMMU SESSION:-2025-26

As. Per Govt. Order no:- 186-DSEJ OF 2025 Dated :- 31-05-2025

HOLIDAYS

HOMEWORK

OF

HIGH WING



SHIKSHA NIKETAN SENIOR SECONDARY SCHOOL, JEEVAN NAGAR, JAMMU Established in 1969 SUMMER VACATIONS 2025–26

GENERAL INSTRUCTIONS For Students:

1. Complete your holiday homework independently as much as possible.

Use a separate notebook for each subject.
 Ensure your handwriting is neat and presentable.
 Work under the supervision and guidance of your parents or guardians.

5. Mention the date and day with each day's work.
 6. Practice writing regularly to improve your writing skills.
 7. Take good care of your health and hygiene.
 8. Avoid playing in the hot sun or overly warm places.
 9. Make it a habit to pray daily and stay spiritually connected.

For Parents:

1.Ensure that holiday homework is completed under your supervision.

Kindly send the completed work in a paper bag .
 Encourage your child to spend time outdoors in the evenings.

4. Involve your child in a creative activity of your choice and submit the outcome to school after the break.

5. Help your child create and follow a structured timetable during the vacation.

6. Instill a sense of responsibility in your child by assigning simple household tasks.

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SHIKSHA NIKETAN SENIOR SECONDARY SCHOOL JEEVAN NAGAR, JAMMU GENERAL INSTRUCTIONS

 Holiday homework must be completed neatly and in a well-organized manner. Ensure that the questions are answered in the sequence provided.

- 2. Assessment will be based on presentation, neatness, completeness, and timely submission of all tasks.
- 3. For project work, strictly follow the instructions provided wherever applicable.
- 4. Avoid the use of plastic and thermocol in any part of your project or homework.
- 5. Revise all subjects regularly during the holidays to prepare for upcoming assessments.
- 6. Parents are requested not to complete the work for their children. Instead, provide guidance and encourage your child to complete the tasks independently. Only original work by the student will be appreciated.

7. Handmade projects and homework will be evaluated based on neatness and creativity. Work purchased from shops will not be considered. School will reopen on <u>17-7-25</u>

8. Holiday homework submission date: <u>11-7-25</u>

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- Timing:Roll Nos. 1-20: 11:30 Am to 12:00 Noon
- Roll Nos. 21 onwards: <u>12:00 Noon to 12:30 Pm</u> Entry and exit through Gate No. <u>4</u>

9. Late submissions or latecomers will not be accepted and will not be entertained by the school administration.

NOTE :- The Office will remain open from 8:30 Am to 1:00 Pm during Summer Break.

Dear students,

You are required to complete the project work assigned to you as per your roll number mentioned in the table provided.

Please note that for Science, the project work is mandatory for all students. Make sure you follow the instructions carefully and complete your work with sincerity and creativity.

Wishing you all the best!

SUBJECTS	ENGLISH	HINDI	MATHS	SOCIAL SCIENCE	
ROLL NO.	1, 5, 9, 13, 17, 21, 25, 29, 33, 37	2, 6, 10, 14, 18, 22, 26, 30, 34, 38	3, 7, 11, 15, 19, 23, 27, 31, 35, 39	4, 8, 12, 16, 20, 24, 28, 32, 36, 40	

Enjoy

SUMMER VACATIONS HOME WORK OF CLASS 8TH

ENGLISH

Q 1 "Life is a gift".Elaborate the given statement in reference to 'Life' the prose lesson portrayed in your textbook.

Q 2 Write theme of Poem - A Nation's Strength.

Q 3 The poet uses different similes for the bangles. What are these? (The Bangle Sellers)

Q 4 What is the theme of the Prose 'How Teacher's Learn'.

Q 5 Write down the Central idea of the poem 'Porus and his Elephant'.

Q 6 Write an E-mail to your friend informing him about the change in the date of marriage ceremony of your sister.

Q 7 Junk food can be very appealing to children, but they cause more harm to them than they can imagine. Prepare a speech, to be delivered in the school assembly on the harmful effects of Junk Food on School Children. Use the hints given below.

Hints

Proves to be harmful.

Addictive.

Obesity, chronic illness, low self esteem, depression.

Decreases concentration level.

High calorie, fats, carbohydrates and added sugars.

Creates deficiency of nutrients.

Diabetes, blood pressure, stroke.

Slow poison

Q 8 Write down all the structures of the Present tense along with examples.

Q 9 Write down all the structures of the Past tense along with examples.

Q 10 Identify the highlighted words as Parts of Speech.

1. Namitha is not coming today.

2. My mom will be leaving to Bangalore tomorrow.

3. The teacher asked the students to stand.

4. He is my brother.

5. There is a cat under the table.

6. The clothes did not dry as it was raining all night.

7. Sheena and her sister dance well.

8. I am wearing a green dress for the party.

9. Oh! That is really sad.

10. She is coming with me.

Project Work Theme :- My Summer Adventures

Q 1 Where did you go during your summer vacation ? What activities did you enjoy the most ? Make a chart on your favorite Summer Vacation memories.

HINDI

प्रश्न 1 वस्तुनिष्ठ प्रश्न पाठ – जब सिनेमा ने बोलना सीखा पाठ – ओ नभ के मंडराते बादल (प्रत्येक पाठ में से दस–दस लघु प्रश्नोत्तर लिखिए।)

प्रश्न 2 व्याकरण ⁽ क) मुहावरे (20) ख) पर्यायवाची शब्द (20) ग) वाक्यांश (20) घ) अनेकार्थी शब्द (20) ङ) विलोम शब्द (20)

नोट:- लिखें तथा याद करें ।

प्रश्न 3 निबंध – 1) विद्यार्थी और अनुशासन 2) शिक्षा में खेलों का महत्त्व

प्रश्न 4 पत्र लेखन:– पारिवारिक पत्र (कोई दो लिखें।)

प्रश्न 5 परियोजना कार्य :– प्लास्टिक पुन: चक्रण से किन– किन चीजों का निर्माण हो सकता है। चार्ट पर दर्शाएँ या माडल बनाएँ ।

Maths



THEME:- MATHS FOR A BETTER TOMORROW

Qno.I CASE STUDY (Linear equation in one Variable)

It is common that government revises fares from time to time based on various factors such as taxes, economy and inflation, for various vehicles like auto-rickshaw, taxis and radio cab etc. The auto and Taxi charge in a city comprise of fixed charge and the charge for the distance covered. Few situations are given below in the form questions. Find the correct option:-

Q. I. If the fixed charge in a city is ₹x and charge per km is ₹5 and total fare is ₹60 then find the linear equation for the journey of IO km. (a) x + 50 = 60(b) x - 50 = 60 (c) x + 50 = 50 (d) None of these Q. 2. In the above question, what is the value of fixed charge ? (a) ₹2O (b)₹5 (c) ₹10 (d) ₹15 Q. 3. If in a city a person has to pay ₹110 for a journey of 15 km and fixed charge is ₹20 then what is the charge per km is? (a) ₹12 (b)₹6 (c)₹8 (d) no fixed charge Q. 4. If in a city fixed charge is double of the charge per km and a person paid ₹75 for a journey of I km, then the linear equation for the following situation is? Q. 5. According to the given equation: 2x + 17 = 85, if $\neq 17$ is the fixed charge and the total fare is $\neq 85$ for a journey of 2km then what is the charge per kilometre? **Qno.2 CASE STUDY (HOTS)** In a class science teacher give some information to all students about Solar system in following manner. Distance of earth from sun = 149600000 km Now asked them to answer some question. **Q. I.** Write distance of earth from sun in standard form ? (a) 1.496×108 km (b) 14.96×108 km (c) 1.496×109 km (d) 14.96×109 Km Q. 2. Write mass of sun in standard notation? (a) 19.9 × 1028 kg (b) 1.99 × 1028 kg (c) 1.99 × 1030 kg (d) 19.9 × 1030 kg Q. 3. Mass of earth in standard notation: (a) 5.97 × 1024 kg (b) 59.7 × 1024 kg (c) 5.97 × 1026 kg (d) 59.7 × 1026 kg Q. 4. Calculate the total mass of earth and moon. Q. 5. Calculate difference of mass of mars from mass of sun?

Maths



Qno.3 LONG QUESTIONS:-

(I) A T. V was brought at a price of Rs 21,000. After one year the value of the TV was depreciated by 5% (Depreciation means reduction of value due to use and age of the item). Find the value of the T. V after one year. (2) Solve: X/5 + 5/2 = -3/2 and check your result. (3) Find the rational numbers between -2/7 and 3/5. (4) Solve the linear equation. m - m - 1/2 = 1 - m - 2/3. (5) If 8% VAT is included in the prices, find the original price of (a) A TV brought for RsI3500 (b) A shampoo bottle brought for Rs 180. **Qno.4 SHORT QUESTIONS :-**(I) An Almirah is sold at Rs5,225 after allowing a discount of 5%. Find its marked price. (2) Solve for x, 2x/3 - 1/3x + 2/3 = 1/3 [x + 2]. (3) Simplify and write the answer in the exponential form, $[-3]^4 \times [5/3]^4$ (4) Convert the ratios to percentage (a) 5:4 (b) 1:7

(5) Verify that -(-x) is same as x for
 X= -21/31.

Qno.5 VERY SHORT QUESTIONS:-

(I) Name the property under multiplication used in -I3/I7 × -2/7 = - 2/7 × -I3/I6.
(2) Express the number 7.54×IO -4 in usual form
(3) Defines:- Discount and Rational numbers
(4) Write the number in standard form (a) 0.0000021 (b). 342000000.
(5) Multiply 7/I43 × 187/I9 × 39/I9.

MATHS PROJECT WORK

Make a chart or poster on Exponent and Power is could involve creating a "Laws of Exonents ".

SCIENCE

Q1. Why are decomposers like fungi and bacteria essential in an ecosystem? Give an example of what would happen if they disappeared.

Q2. A balloon sticks to a wall after being rubbed on hair. What force is responsible for this? Explain why this happens only with certain materials.

Very Short Answer :

- 1. Give one example of a non-contact force.
- 2. Name the sound wave frequency range audible to humans.
- 3. Which property of sound determines its pitch?
- 4. Which hormone controls blood sugar levels?
- 5. Name the male and female gametes.

Short Answer

1. Why are sharp knives more effective than blunt ones? Explain using pressure.

- 2. How does atmospheric pressure help in drinking juice with a straw?
- 3. Differentiate between balanced and unbalanced forces with examples.
- 4. Why do we hear thunder after seeing lightning?
- 5. Explain nitrogen fixation and its importance in agriculture. Long Answer
- 1. Explain how pressure varies with area using real-life examples.
- 2. Describe three effects of force with suitable examples.
- 3. Write the electronic configuration of the first 20 elements.
- 4. Discuss the physical and emotional changes during adolescence.

5. Describe how microorganisms are used in (a) Food industry (b) Waste management.

PROJECT WORK

Practice Question: List of Ions: **Cations (Positive Ions):** 1. Sodium (Na⁺) 2. Potassium (K⁺) 3. Calcium (Ca^{2+}) 4. Magnesium (Mg²⁺) 5. Aluminum (Al³⁺) 6. Iron(II) or Ferrous (Fe²⁺) 7. Iron(III) or Ferric (Fe³⁺) 8. Copper(I) or Cuprous (Cu⁺) 9. Copper(II) or Cupric (Cu²⁺) 10. Zinc (Zn^{2_+}) 11. Ammonium (NH₄⁺) 12. Silver (Ag⁺) 13. Lead(II) (Pb^{2+}) 14. Barium (Ba²⁺) 15. Lithium (Li⁺)

Anions (Negative Ions):

- 1. Chloride (Cl-)
- **2. Oxide** (0^{2})
- 3. Sulfide (S^{2})
- 4. Nitrate (NO₃-)
- 5. Carbonate (CO_3^{2})
- 6. Sulfate (SO_4^{2})
- 7. Hydroxide (OH-)
- 8. Phosphate (PO₄³⁻)
- 9. Fluoride (F-)
- 10. Bromide (Br-)
- 11. Iodide (I-)
- **12.** Acetate (C₂H₃O₂⁻)
- 13. Permanganate (MnO₄⁻)
- 14. Dichromate $(Cr_2O_7^{2-})$
- 15. Nitrite (NO_2^-)

SOCIAL SCIENCE

THEME – MAPPING THE HEAT

- Q 1 What is a heat map?
- Q 2 What is ozone depletion?

LONG ANSWER TYPE QUESTIONS. (i)What are the causes of deforestation? (ii) What steps should be taken to conserve the forests? (iii) What factors are contributing to rise in the temperature, resulting in global warming ?

SHORT ANSWER TYPE QUESTIONS
(i) What is forest fire?
(ii) Write the three causes of Land degradation in India?
(iii) What is rainwater harvesting?
VERY SHORT ANSWER TYPE QUESTIONS
(i) What is Afforestation?
(ii) What is cloud burst ?

Project Work

 Create a diagram on chart of water cycle by using real life
examples or objects.



Q1 Describe the role of interest in our life. Q2 Describe the difference between LAN, MAN and PAN. Q3 Mention any two Wireless networking technologies. Q4 What is CAN ? Draw the picture of CAN. **Q5** Define the network architecture. Mention the types of network architecture.

PROJECT WORK



Q1 Draw the picture of WAN on a chart. Q2 Prepare a model of MAN.

NOTE:- Project Work is Compulsory for all the Students.



Moment Have A Great

ENJOY

Every

SUMMER VACATION !