



NAND KISHORE VIDYA BHAVAN

(A Senior Secondary School, Based on CBSE, Delhi)

DHANUHA, CHAKA, NAINI PRAYAGRAJ

URL: www.nkvidyabhavan.org, E-mail: info.nkvb@gmail.com Mobile: 9956377779

HOLIDAY HOMEWORK (2023-24)

CLASS-7

HINDI

प्रश्न -1- 15 पेज हिंदी सुलेख लिखिए।

प्रश्न 2- निम्नलिखित अपठित गद्यांश को ध्यान से पढ़ें और प्रश्नों का उत्तर दें:

झाँसी की रानी लक्ष्मीबाई को घुड़सवारी के साथ-साथ घोड़ों की भी अच्छी परख थी। एक बार घोड़ों का एक व्यापारी रानी के दरबार में आया। उसके पास एक जैसे दिखने वाले दो घोड़े थे। उसे विश्वास था कि रानी दोनों घोड़ों का एक दाम लगाएँगी, मगर रानी ने कुछ देर देखने के पश्चात् एक घोड़े का दाम एक हजार रुपये और दूसरे घोड़े का दाम मात्र पचास रुपये लगाया। व्यापारी ने आश्चर्यचकित होकर रानी से पूछा “रानी जी, दोनों घोड़ों की शक्ल, रंग, कद-काठी में कोई फर्क नहीं है, फिर भी आपने दाम में इतना फर्क क्यों कर दिया?” रानी ने कहा, “जिस घोड़े का दाम मैंने एक हजार रुपये लगाया है, वह उत्तम कोटी का स्वस्थ घोड़ा है, और जिस घोड़े का दाम मैंने पचास रुपये लगाया है, वह किसी रोग का शिकार है और उसकी उम्र भी कम है।” रानी की सूझ-बूझ और बुद्धिमानी को देखकर व्यापारी बहुत प्रभावित हुआ।

1. व्यापारी क्या लेकर दरबार में आया ?

(क) घोड़ा (ख) दो घोड़े (ग) संदूक (घ) शस्त्र

2. रानी ने दूसरे घोड़े का दाम लगाया-

(क) पच्चीस रुपये (ख) पचास रुपये (श) सौ रुपये (घ) एक हजार रुपये

3. पहले घोड़े में क्या खास बात थी-

(क) निम्न कोटी का स्वस्थ घोड़ा (ख) उच्च कोटी का अस्वस्थ घोड़ा

(ग) उच्च कोटी का स्वस्थ घोड़ा (घ) उत्तम घोड़ा

4. गद्यांश के लिए उचित शीर्षक छाँटिए-

(क) दो घोड़े (ख) घोड़े की सूझ-बूझ

(ग) रानी की सूझ-बूझ (घ) घुड़सवार रानी

5. 'उत्तम' शब्द का विलोम होगा-

(क) अधघम (ख) बुरा (ग) स्वस्थ (घ) गंदा



NAND KISHORE VIDYA BHAVAN

(A Senior Secondary School, Based on CBSE, Delhi)

DHANUHA, CHAKA, NAINI PRAYAGRAJ

URL: www.nkvidyabhavan.org, E-mail: info.nkvb@gmail.com Mobile: 9956377779

प्रश्न -3 विद्यालय की ओर से शैक्षिक भ्रमण (टूर) जाने हेतु पिता जी से पैसे मांगने के लिए पत्र लिखिए।

प्रश्न - 4- भारत के राज्यों के नाम हिंदी में लिखिए।

प्रश्न 5 क्रिया किसे कहते हैं? उदाहरण दीजिए।

ENGLISH

English literature

1- Write and learn eight lines of "Spring" poem from your book and also draw in your note book.

2- Write down one page of writing daily in your holiday Homework note book.

3- Learn Question Answers, and Exercise of chapter 1 & 2

English Language

1- Write and learn definitions of

i) Sentence , ii) Noun , iii) Pronoun, iv) Phrase

2- Write and learn informal letter given as c.w. which has been done in your note book

MATHS

Q1. $23 \times 10 - 23 \times 7 =$ _____

Q2. The multiplicative inverse of -7 is _____

Q3. The additive inverse of +5 is _____

Q4. Represent the product $3 \times (-4)$ on a number line.

Q5. Evaluate: $|7 \times (-5) \div 5|$

Q6. Using the distributive property , multiply (-306) by 103

Q7. Simplify: $-3[5 \times (-2) + (7 \times 8) + (2 \times 14)]$

Q8. An integer when divided by (-7) gives (-61). Find the integer.

Q9. Calculate by suitable arrangement : $\{(6 + 7) \times 3 - 8\} \times 3$

Q10. Does the associative property hold good for the subtraction of integers?
Give an example to support your answer.

Q11. The sum of two consecutive odd integers is 48. Find the integers.



NAND KISHORE VIDYA BHAVAN

(A Senior Secondary School, Based on CBSE, Delhi)

DHANUHA, CHAKA, NAINI PRAYAGRAJ

URL: www.nkvidyabhavan.org, E-mail: info.nkvb@gmail.com Mobile: 9956377779

Q12. If an operation $*$ is defined such that $a * b = (a + b) - (a \times b)$, then find the value of $[(-3) * 5]$

Q13. $\frac{3}{4} \div 4 =$

Q14. The reciprocal of $22\frac{1}{2}$ is _____.

Q15. $\frac{11}{25} \times \frac{10}{18} =$ _____

Q16. Which is greater - $15 \div \frac{1}{30}$ or $30 \div \frac{1}{15}$?

Q17. Multiply: $\frac{4}{15} \times \frac{5}{16} \times \frac{12}{13}$

Q18. Divide: $1\frac{7}{15} \div 4\frac{7}{12}$

Q19. Simplify: $(\frac{28}{16} \times \frac{25}{35}) \div (\frac{4}{15} \times \frac{25}{24})$

Q20. Which is greater - $\frac{1}{3}$ of 1 hour or $\frac{1}{2}$ of 1 minute ?

Q21. The product of two fractions is $\frac{5}{7}$. If one of the fractions is $2\frac{1}{7}$, then find the other.

Q22. Sunitha cuts a 21-metre long rope into $3\frac{1}{2}$ metre long pieces. How many pieces of the rope does she get?

Q23. The product of a fraction and the sum of $3\frac{1}{5}$ and $3\frac{1}{10}$ is $\frac{9}{10}$. Find the fraction.

Q24. Raman had to drive 900 km from Varanasi to Delhi. He stopped to have lunch after completing $\frac{7}{10}$ of the journey. How far is he from Delhi?

Q25. Are $\frac{-2}{3}$ and $\frac{-10}{-15}$ equivalent rational numbers?



NAND KISHORE VIDYA BHAVAN

(A Senior Secondary School, Based on CBSE, Delhi)

DHANUHA, CHAKA, NAINI PRAYAGRAJ

URL: www.nkvidyabhavan.org, E-mail: info.nkvb@gmail.com Mobile: 9956377779

Q26. Express $\frac{-12}{24}$ in its simplest form.

Q27. Convert 0.02 into a rational number.

Q28. Find two equivalent rational numbers of $\frac{-5}{7}$

Q29. Compare $\frac{-4}{7}$ and $\frac{-3}{4}$.

Q30. Express $\frac{-68}{228}$ as a rational number with denominator 57.

Q31. Add: $\frac{4}{7} + \frac{2}{3} + \frac{-4}{21}$

Q32. Subtract $\frac{-3}{7}$ from $\frac{11}{13}$

Q33. Write in ascending order: $\frac{2}{3}, \frac{-3}{5}, \frac{1}{2}, \frac{2}{-5}, \frac{-3}{2}$

Q34. What should be added to $(\frac{1}{4} + \frac{1}{6} + \frac{1}{10})$ to get $\frac{1}{5}$?

Q35. Ron, Rai, and Ayesha went to a restaurant to have dinner. Ron paid $\frac{1}{4}$ of the total amount. Rai paid $\frac{2}{3}$ of the bill amount. What part of the bill was paid by Ayesha?

Q36. Covert $4.\overline{62}$ _____ into a rational number.



NAND KISHORE VIDYA BHAVAN

(A Senior Secondary School, Based on CBSE, Delhi)

DHANUHA, CHAKA, NAINI PRAYAGRAJ

URL: www.nkvidyabhavan.org, E-mail: info.nkvb@gmail.com Mobile: 9956377779

SCIENCE

- 1.. What is Nutrients?
2. How humans and animals are directly or indirectly dependent on plants.
3. What is food?
- 4.Why do we need food?
5. How do plants obtain the raw materials from the surroundings?
6. What is cell?
7. What is the cell membrane?
- 8.What is tissue?
- 9.Explain the process of Photosynthesis?
- 10.Explain the food factory of plants.
- 11.Draw a labelled diagram of cell showing nucleus and cytoplasm.
- 12.Explain the process of making yarn from fiber?
- 13.Why shearing of wool done only in summer?
- 14.Explain the process of obtaining silk?
- 15.Why caterpillars need to shed their skin when they grow bigger?
- 16.Why caterpillars should not be collected with bare hands?
- 17.Write short notes on rearing silkworm.
18. Explain the process involved in obtaining wool.
19. Explain sericulture.
20. Why does silk have different varieties?

SST

Make a project file on-
"STRUCTURE OF THE EARTH"

Discuss the following points in the project-

- * Layers of the earth.
- * Rocks and minerals.
- * Types of rocks.
- * Rock cycle.
- * Uses of rocks

Draw, colour and label appropriate diagrams to show-

- * Layers of the earth.
- * Different types of rocks.
- * Rock cycle.



NAND KISHORE VIDYA BHAVAN

(A Senior Secondary School, Based on CBSE, Delhi)

DHANUHA, CHAKA, NAINI PRAYAGRAJ

URL: www.nkvidyabhavan.org, E-mail: info.nkvb@gmail.com Mobile: 9956377779

COMPUTER

Make project of minimum 10 pages. On "Number System in Computer"

It should include →

- (a) Definition
- (b) Type
- (c) Conversion -
 - (I) Binary to decimal,
 - (II) decimal to binary,
 - (III) Octal to decimal
 - (IV) Hexadecimal to decimal
- (d) Addition, Subtraction, Multiplication and Division.

Q. 2 Convert

- (a) 128(decimal) to binary
- (b) 1101(binary) to decimal
- (c) 232(octal) to decimal
- (d) (1010110) (binary) to decimal
- (e) (300) (octal) to decimal
- (f) (27B) (Hexadecimal) to decimal
- (g) (634)(decimal) to binary
- (h) (123)(hexadecimal) to decimal

Q. 3. Solve

- (a) $(100010) \div (10)$
- (b) $1101100 + 100$
- (c) $100011 \div 111$
- (d) $1101000 \div 100$
- (e) 11111×11
- (f) 101×10
- (g) 11101×10
- (h) 101×111

Q.4. Solve

- (a) $11011010 - 11010111$
- (b) $10010010 + 10010111$
- (c) $11010111 - 01101100$
- (d) $10001100 - 10001100$
- (e) $10010000 + 11000100$
- (f) $11101000 + 01111100$