

KENDRIYA VIDYALAYA CHAMPHAI

AUTUMN BREAK HOMEWORK 2023-24

CLASS-VI

English

Q1- Write 05 paragraphs in good handwriting. (use capital letter properly, with proper punctuation marks)

Q2- Write 20 good thoughts with meaning

Q3- Write the followings.

- 20 antonyms (opposite words)

- 20 synonyms

(similar meaning words)

- 20 new words- their meaning- and sentence

Q4) Prepare one comic story.

हिंदी

- 'झाँसी की रानी' कविता पर प्रोजेक्ट तैयार करें।
- प्राचार्य महोदय को दो दिन के अवकाश के लिए प्रार्थना-पत्र लिखिए।
- छोटे भाई/बहन को जन्मदिन पर बधाई-पत्र लिखिए।
- कोई पांच उपसर्ग व प्रत्यय से दो-दो शब्दों का निर्माण कीजिए।

MATHEMATICS

1. (A) Round the numbers to the nearest 100.

a) 875 ____ b) 2,568 ____ c) 43,090 ____

(B). Round the numbers to the nearest 1,000

a) 4,760 ____ b) 28,902 ____ c) 1,48,451 ____

Q2) Fill in the blanks.

a) The smallest 2-digit whole number is ____.

b) The largest 3-digit natural number is ____.

c) The successor of 1,89,999 is ____ .

d) The predecessor of 1,00,000 is ____ .

Q3) Insert the commas suitably and write the name of

i) 16573449. II) 287651009 according to Indian System of Numeration

Q4) Write the factor tree of 48.

Q5) Raju had Rs. 6980/- with him , He bought a fan for Rs. 1900/- , and a music system of Rs. 3080/- . Find the amount of money that is left with Raju?

Q6) Write the numeral for “Ten Crore sixty-five lakhs twenty one thousand Sixty three ”.

Science

➤ **Preparation of different Science Model**

- THEME: Application of Science and technology in our everyday life

➤ **Explanation of the Model (Working/ advantage/ uses/ importance)**

Social Science

1- Write one page on any social issue daily in English. Select issue from newspapers or television.

2- Solve and practice the question paper of half yearly exam.

3- Revise the chapters completed till now regularly.

4- Practice map work from History book.

SANSKRIT

➤ एक से सौ तक गिनती संस्कृत में लिखें व याद करें।

English

Q1- Write an application on each of the topics given below.....

I. Write an application to your Principal requesting him to grant you two days sick leave.

II. Write an application to your Principal requesting him to grant you 7 days leave to attend your sister's marriage.

Q2- Prepare one comic story.

Hindi

- 'एक तिनका' कविता पर प्रोजेक्ट तैयार करें।
- प्राचार्य महोदय को दो दिन के अवकाश के लिए प्रार्थना-पत्र लिखिए।
- छोटे भाई/बहन को जन्मदिन पर बधाई-पत्र लिखिए।
- कोई सात उपसर्ग व प्रत्यय से दो-दो शब्दों का निर्माण कीजिए।

Science

* Preparation of different Science Model - THEME: Application of Science and technology in our everyday life * Explanation of the Model (Working/ advantage/ uses/ importance)

Maths

Q1 Fill in the blanks

- (i) $43+24-53 =$ _____ (ii) $(16/4) +5 \times 3 =$ _____ (iii) $10 \times 3 +5-2$ _____

Q2 Write the followings in rupees:

- (i) 15 paise (ii) 7 rupees 85 paise (iii) 352 paise

Q3 Find the HCF of (a) 13 and 39 (b) 9 and 36.

Q4 Multiply (a) 1397×1397 (b) 63×132 (c) 45×100

Q5 . Verify by drawing a diagram if the median and altitude of an isosceles triangle can be same.

Q6. Temperature of Champhai is 24°C and that of Aizawl is 37°C . Find the temperature difference?

Q7. Find $\frac{2}{3}$ of the following: (i) 45 (ii) 66 (iii) $45\frac{1}{2}$

Q8. Convert the followings in meter and kilometre: (i) 34 cm (ii) 850 cm (iii) 12.6cm

Q9. $\angle x$ and $\angle y$ are supplementary angles. If $\angle x$ is decreased, what changes should take place in $\angle y$

So that both the angles still remain supplementary.

Q10. Fill in the blanks:

(i) If two angles are complementary, then the sum of their measures is _____

(ii) If two angles are supplementary, then the sum of their measures is _____

(iii) Two angles forming a linear pair are _____

(iv) If two adjacent angles are supplementary, they form a _____

(v) If two lines intersect at a point, then the vertically opposite angles are always _____

SST-

1- Write one page on any social issue daily in English. Select issue from newspapers or television.

2- Solve and practice the question paper of half yearly exam.

3- Revise the chapters completed till now regularly.

4- Practice map work from Geography and History books.

Autumn Break Holiday Homework

(20.10.23 TO 29.10.23)

Class 8th

Social Science

- 1- Write one page on any social issue daily in English. Select issue from newspapers or television.
- 2- Solve and practice the question paper of half yearly exam.
- 3- Practice map work from Geography and History books.

MATHS

Simplify the followings

(i) $(\frac{3}{5}) \times (\frac{5}{8})$ (ii) $(\frac{2}{3}) \times (\frac{9}{2}) + (\frac{3}{2})$

(iii) $(\frac{9}{4}) \times (\frac{4}{7}) + (\frac{3}{7}) \times (\frac{4}{7})$. (iv) $(\frac{5}{2}) - (\frac{7}{4})$

Q2) Write additive and multiplicative inverse of the followings:

(i) $-\frac{8}{5}$ (ii) $-\frac{4}{33}$ (iii) $(\frac{1}{9}) \times (\frac{7}{2})$ (iv) $2 \times (\frac{2}{5})$

Q3) Represent (i) $\frac{7}{3}$ (ii) $\frac{3}{5}$ on number line

Q4) How many diagonals does each of the following have?

(a) A convex quadrilateral (c) A hexagon

Q5) What is a regular polygon? State the name of a regular polygon of.

(i) 3 sides (ii) 4 sides
93312 a perfect cube? If not, then by which smallest natural number should 93312 be divided to make it a perfect cube?

Q7) Solve the following equations

(i) $2x - 6 = 8$ (ii) $y + 2 = 12$

(iii) $x + 5 = \frac{5}{2}$ (iv) $(9x - 43) = (7x + 57)$

(v) $\frac{x}{5} = x + 2$ (vi) $2(4x - 3) = 3(3x + 4)$

(vii) $8(2x - 3) = -8$

Q8) When the digits of a two-digit number in which sum of digits is 5 are interchanged then it becomes 9 less than original number. Find the number.

Q9) Write five rational numbers between $\frac{2}{5}$ and $\frac{7}{4}$.

SCIENCE

Preparation of different Science Model - THEME: Application of Science and technology in our everyday life.

Explanation of the Model (Working/ advantage/ uses/ importance)

ENGLISH

Q1) Write paragraphs on the following topics in 80-100 words:

- | | |
|---------------------------------|--------------------------|
| a) Role of computer in our life | b) Environment pollution |
| c) Value of time table | d) Women Empowerment |

Q2- Write 20 good thoughts with meaning

HINDI

‘जहाँ पहिया है’ पाठ पर प्रोजेक्ट तैयार करें।

प्राचार्य महोदय को दो दिन के अवकाश के लिए प्रार्थना-पत्र लिखिए।

छोटे भाई/बहन को जन्मदिन पर बधाई-पत्र लिखिए।

कोई दस उपसर्ग व प्रत्यय से दो-दो शब्दों का निर्माण कीजिए।

SANSKRIT

पाठ-9 के प्रश्न उत्तर लिखने व याद करने हैं।

KENDRIYA VIDYALYA CHAMPHAI
AUTUMN BREAK HOMEWORK 2023-24

CLASS-IX

English

- Q1) Write the summary of every lesson in the syllabus.
Q2) Write two value-based questions and answers of all poems.
Q3) Solve 5 descriptive unseen passages.

हिंदी

- 'बिहार से किसी एक कवि के जीवन' पर प्रोजेक्ट तैयार करें।
- प्राचार्य महोदय को दो दिन के अवकाश के लिए प्रार्थना-पत्र लिखिए।
- छोटे भाई/बहन को जन्मदिन पर बधाई-पत्र लिखिए।
- कोई पन्द्रह उपसर्ग व प्रत्यय से दो-दो शब्दों का निर्माण कीजिए।

MATHEMATICS

Q1) (a) Write all the euclid's five postulates .

(b) Write all the laws of transversal .

Q2) Equal chords of a circle subtend equal angles at the center.

Q3) Recall that two circles are congruent if they have the same radii . Prove that equal chords of congruent circle subtend equal angles at their centres.

Q4) Prove that if chords of congruent circles subtend equal angles at their centres then the chords are equal .

Q5) Express 0.6666 in the form of $\frac{p}{q}$.

Q6) Find the area of a triangle two sides of which are 8 cm

and 11 cm and the perimeter is 32 cm .

Q7) (a) write laws of triangle

(b) congruence of triangle

Q8) draw a vertically opposite angles and Linear pair of angles

Q9) Rationalise the denominator of $1/(2+\sqrt{3})$

Science

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Social Science

- 1- Write one page on any social issue daily in English. Select current issue from newspapers or television.
 - 2- Prepare Chapter notes of “Climate” in your notebook.
 - 3- Write the chapter exercise of “Climate” in your notebook.
 - 4- Prepare a Project file of 10-20 pages on A4 size sheets on Disaster Management:
Natural Disaster
or
Man Made Disasters
- (Note: project should be handwritten and not printed. Include maps, diagrams, images and tables.)

ARTIFICIAL INTELLIGENCE

- **Practical and Project Documentation:**

Practical question and answer should be printed in a A4 paper and prepare for the Practical Files.

Project documentation should be printed out and maintained by the student properly and bring when school started again.

KENDRIYA VIDYALYA CHAMPHAI
AUTUMN BREAK HOMEWORK 2023-24

CLASS-X

English

Q1) Write the summary of every lesson in the syllabus.

Q2) Write two value-based questions and answers of all poems.

Q3) Solve 5 descriptive unseen passages.

हिन्दी

- 'बिहार से किसी एक कवि के जीवन'पर प्रोजेक्ट तैयार करें।
- किसी अखबार के संपादक को बिमारियों से सावधानी बरतने के लिए लोगों को जागरूक करने हेतु प्रार्थना-पत्र लिखिए।
- छोटे भाई/बहन को जन्मदिन पर बधाई-पत्र लिखिए।
- दशहरा पर बधाई संदेश लिखिए।

MATHEMATICS

Q.1) The pair of the equations $x = a$ as well as $y = b$ graphically shows lines that are

- (a) parallel (b) coincident
(c) intersecting at (b, a) (d) intersecting at (a, b)

Q2) If the difference of roots of the quadratic equation $x^2 + kx + 12 = 0$ is 1, the positive value of k is

- (a) -7 (b) 7 (c) 4 (d) 8

Q3) The 4th term from the end of the AP: -11, -8, -5, ..., 49 is

- (a) 37 (b) 40 (c) 43 (d) 58

Q4) If $\triangle ABC$ and $\triangle DEF$ are similar such that $2AB = DE$ and $BC = 8\text{cm}$, then $EF = \underline{\hspace{1cm}}$.

- (a) 6cm (b) 112 cm (c) 8cm

Q5: The difference of two numbers is 180. The squares of the smaller number is

8 times the larger number. Find the two numbers.

Q6: Two concentric circles are of radii 5 cm and 3 cm. Find the length of the chord of the larger circle (in cm) which touches the smaller circle.

Q7: From the point on a bridge across a river, the

angles of depressions of the banks on opposite sides of the river are 30° and 45° , respectively. If the bridge is at a height of 3 m from the banks, find the width of the river.

Q8: If PA and PB are two tangents to the circle with centre O. If $\angle APB = 50^\circ$, then find $\angle OAB$.

Q9: In a circle of radius 7 cm, tangent PT is drawn from a point P such that $PT = 24$ cm. If O is the centre of the circle, then length OP = ?

(a) 30 cm (b) 28 cm (c) 25 cm (d) 18 cm

Q10: Prove BPT theorem. Hence prove that a line drawn through the mid point of one side bisects the third side

Science

- **Preparation of different Science Model**
 - THEME: Application of Science and technology in our everyday life
- **Explanation of the Model (Working/ advantage/ uses/ importance)**
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Social Science

- 1- Write one page on any social issue daily in English. Select any current issue from newspapers or television.
- 2- Prepare Chapter notes of economics and political science in your notebook.
- 3- Write the chapter exercises of economics and political science in your notebook.

ARTIFICIAL INTELLIGENCE

➤ **Practical and Project Documentation:**

Practical question and answer should be printed in a A4 paper and prepare for the Practical Files.

Project documentation should be printed out and maintained by the student properly and bring when school started again.