SD DAV PUBLIC SCHOOL, JAMTARA
Summer Vacation Assignment (2025-26)
Class: - VII

SUBJECT: ENGLISH

1. Write 10 new words from all the lessons already finished in classes with their meaning.
2. Lessons- The ⬜ Monkey Trouble
   Birdie, Will You Pet
   A Hero

3. Use the words in the sentences of your own as used in the lesson.
   Examples: Mischievous - very naughty

   Sentence: Tutu was a naughty monkey. She was very mischievous.

   Grin : smile

   Sentence: Her grin often scared aunt Ruby.

4. Write 10 sentences on "Value of Time".
5. Write 10 sentences on "My Aim in Life"
6. Learn all the questions and answers of finished lessons.

   Write 10 sentences on "My Good Habits- My Success Mantra

SUBJECT: HINDI

१) ज्ञान सागर पाठ 1 से 4 तक के सभी प्रश्न उत्तर याद कीजिए।

२)हिंदी की किताब से 10 मुहावरे छांटकर उसके अर्थ लिखिए एवं वाक्य बनाइए।

३) गुस्से या क्रोध को शांत करने के लिए पांच उपाय लिखिए।

४)संज्ञा एवं इसके भेद की परिभाषा उदाहरण के साथ लिखिए।

५)अनुच्छेद लिखिए (100 से 150 शब्दों में) (क)हमारा भारत (ख)पर्यावरण का महत्व

६)पाठ से 50 विलोम शब्द लिखिए। ७)दो दिनों के अवकाश के लिए प्राचार्य को पत्र लिखिए।

परियोजना कार्य:– चार्ट पेपर पर देशभक्ति कविता सुंदर से सजाकर लिखिए।

1) पाठः --1और 2 के समीप प्रश्नोत्तर याद करें।

2)पेज नं.-9 और 17 लिखें और याद करें।

3)-पाठ-2 का कोई चित्र बनाकर 5वाक्य लिखें।(चार्ट पेपर पर)।

SUBJECT: MATHEMATICS

1. **Mark the following rational numbers on number line.**

   (i) $\dfrac{4}{5}$ (ii) $\dfrac{-8}{3}$ (iii) $\dfrac{5}{2}$ (iv) $\dfrac{-7}{3}$

2. **Represent the following rational numbers on a number line.**

   (i) $\dfrac{-3}{5}$ (ii) $\dfrac{2}{-3}$ (iii) $\dfrac{3}{4}$ (iv) $\dfrac{-4}{-7}$

   (iii) $\dfrac{36}{x} = -4$ (iv) $\dfrac{7}{-x} = 7$

3. **Write True or False for the following statements.**

   (i) $\dfrac{-2}{-3}$ is the additive inverse of $\dfrac{2}{3}$.

   (ii) $\dfrac{2}{3} + \dfrac{4}{5}$ is a rational number.

   (iii) $\dfrac{-5}{3} + \dfrac{5}{-3}$ is equal to zero.

   (iv) 1 is the identity element of addition.

   (v) $\dfrac{-9}{7} + 0 = 0$.

   (vi) Additive inverse of $\dfrac{-3}{5}$ is $\dfrac{3}{5}$.

   (vii) Negative of a negative rational number is negative.

4. **Find the values of x in each of the following:**

(i) $\dfrac{23}{x} = \dfrac{2}{-8}$

(ii) $\dfrac{x}{9} = \dfrac{19}{3}$

(iii) $\dfrac{15}{-x} = \dfrac{1}{-7}$

5. **Compare the numbers in each of following pairs of numbers.**

(i) $\dfrac{-5}{7}, \dfrac{9}{-13}$

(ii) $\dfrac{-4}{9}, \dfrac{-3}{7}$

(iii) $\dfrac{-3}{-5}, \dfrac{12}{20}$

(iv) $\left|\dfrac{-4}{5}\right|, \left|\dfrac{-5}{4}\right|$

(v) $\left|\dfrac{5}{7}\right|, \left|\dfrac{-15}{21}\right|$

(vi) $\left|\dfrac{-8}{-9}\right|, \left|\dfrac{-3}{9}\right|$

6 **Fill in the following blank squares.**

(i) $\dfrac{3}{5} = \dfrac{138}{\square}$

(ii) $\dfrac{7}{9} = \dfrac{\square}{108}$

(iii) $\dfrac{\square}{-15} = \dfrac{48}{90}$

(iv) $\dfrac{121}{\square} = \dfrac{-11}{12}$

7. **A. Tick (✓) the correct option.**

(a) The additive inverse of $\dfrac{-3}{4}$ is–

(i) $\dfrac{-3}{4}$

(ii) $\dfrac{-4}{3}$

(iii) $\dfrac{4}{3}$

(iv) $\dfrac{3}{4}$

(b) If x, y and z are rational numbers, then the property $(x + y) + z = x + (y + z)$ is known as–

(i) commutative property

(ii) associative property

(iii) distributive property

(iv) closure property

(c) $\dfrac{7}{12} \div \left(\dfrac{-7}{12}\right)$ is–

(i) 1

(ii) 7

(iii) − 1

(iv) − 7

(d) Identity element for subtraction of rational numbers is–

(i) 1

(ii) 0

(iii) − 1

(iv) does not exist

(e) The multiplicative inverse of $6\dfrac{1}{3}$ is–

(i) $\dfrac{-19}{3}$

(ii) $\dfrac{-3}{19}$

(iii) $\dfrac{3}{19}$

(iv) $\dfrac{19}{3}$

8. **Tick (✓) the correct option.**

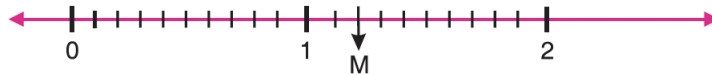(a) The value of x such that $\dfrac{-3}{8}$ and $\dfrac{x}{-24}$ are equivalent rational numbers is—

    (i) 64   (ii) − 64

    (iii) − 9   (iv) 9

(b) Which of the following is a negative rational number?

    (i) $\dfrac{-15}{-4}$ (ii) 0

    (iii) $\dfrac{-5}{7}$ (iv) $\dfrac{4}{9}$

(c) In the given number line, which of the following rational numbers does the point M represent?

    (i) $\dfrac{2}{8}$ (ii) $\dfrac{6}{5}$ (iii) $\dfrac{2}{3}$ (iv) $\dfrac{12}{5}$

(d) Which is the greatest rational number out of $\dfrac{5}{-11}, \dfrac{-5}{12}, \dfrac{5}{-17}$?

    (i) $\dfrac{5}{-11}$ (ii) $\dfrac{-5}{12}$

    (iii) $\dfrac{5}{-17}$ (iv) cannot be compared

(e) Which of the following rational numbers is the smallest?

    (i) $\left|\dfrac{7}{11}\right|$ (ii) $\left|\dfrac{-8}{11}\right|$ (iii) $\left|\dfrac{-2}{11}\right|$ (iv) $\left|\dfrac{-9}{-11}\right|$

9. **Answer the following questions.**

(a) Find the average of the rational numbers $\dfrac{4}{5}, \dfrac{2}{3}, \dfrac{5}{6}$.

(b) How will you write $\dfrac{12}{-18}$ in the standard form?

(c) How many rational numbers are there between any two rational numbers?

(d) On the number line, the rational number $\dfrac{-5}{-7}$ lies on which side of zero?

(e) Express $\dfrac{-7}{-8}$ as a rational number with denominator 40.

10. Mathematics Project: -

Represent the following numbers on chart paper.

1. $\frac{13}{7}$ **2**. $\frac{-19}{5}$ **3**. $4\frac{2}{3}$ **4**. $\frac{36}{11}$

SUBJECT: SCIENCE

1) Define the following terms :---

 i) Stomata   ii) Vessels   iii) Saprotrophic nutrition iv) Elements V) Compounds

Answer the following questions:--

2) How do green plants synthesis their food ?

3).Why would life not be possible on the earth in the absence of photosynthesis?

4) What does a chemical equation represent ?

5) How is chemical change different from a physical change ?

6) Givw one example of combination and Decomposition reaction

7) What are elements ?

8) Give reasons for the following:--

i) The leaf of a plant dies out if its sonata are blocked.

ii) Sun is the ultimate source of energy for all living organisms .

9) Write chemical formulae for the following compounds

i) Zinc sulphate ii) Ammonium hydroxide   iii) Sodium sulphate iv) calcium acetate

v) copper hydroxide.

10) Why do some plants feed on insects ? How does a pitcher plant catch insects ?

PROJECT WORK :---   (Do Any one)

 Make a model of process of photosynthesis.

              Or,

Write on a chart paper Name of the ion   and their symbol (at least 15)

SUBJECT: SOCIAL SCIENCE

HISTORY

1.Choose the correct option -

I . Manuscript means

a handwritten text   b.machine written text

c.none of both (a&b)

II. medieval period in Europe was in between

a. 1st to 2nd century   b.4th to 14th century
b.   c.5th to 15th century

III. Medieval period in India was in between

a.4th to14th century   b.6th to 16th century

c.8th to 18th century

IV. Ain-i-Akbari was written by

a.Akbar   b.Abul Fazl

c Firdausi

2. Where do the national and state governments keep all records, documents and manuscripts?

3. What is a person called who copied out documents?

4. Name the technological developments which took place in the medieval period.

5. What are the sources of information of the medieval period of India?

GEOGRAPHY

Choose the correct option

1) what is a source of mineral wealth ?
a) Atmosphere   b) lithosphere
c) biosphere

2) who protect Earth from harmful rays and scorching heat of the Sun ?
a) mechanical force   b) gravitational force
c) atmosphere

3) which of the following is a human made environment?
a) hydrosphere   b) economic

c) industries

4) when is the World environment day celebrated?
a)5 July   b)5 June
c)5 January

5) what is environer / environner means ?
a) environment   b) aquarium
c) neighbourhood

6) which one has solid crust or the land top near of the earth?
a) lithosphere   b) hydrosphere
c) biosphere

7) plant and animal kingdom together make?
a) atmosphere   b) hydrosphere
c) biosphere

8) which is not a component of human environment?
a) land   b) religion
c) community   d) all of these

9) Picture based question:

i. Draw the component of the environment.

ii. How are human beings destroying the environment?

Q.Project work:- (social science)

Make a project between the states JHARKHAND & Tamil Nadu on the following topics:-
1.Historical background of both states

2. Climatic changes , height of the states from sea level, dress, food, agricultural production.

3.political conditions, government, folk dance, culture.

SL.NO.	CLASS	ASSIGNMENT PG. NO. (FROM BOOK)
1.	**CLASS - 7**	COMPLETE WITH COLOUR PG. NO.- 15
2.		**PAPER CRAFT**