

# DAV Public School Gandhi Nagar (CCL), Ranchi – 8

## Holiday Home – Work (2018-19)

### **Class : VII**

#### ENGLISH

1. Read the chapter taught and learn the Question/Answer.
2. COMPREHENSION Read the passage and answer the questions. (Practice book Page no.-149-156)
3. Write down the three forms of the following verbs.  
Buy, bring, lay, lie, know, spring, fling, fly, flow, sing, sink, think, worry, begin, stick, strike, hang, drown, keep, ring, born, sting, rise, raise, teach, hit, catch, cut, upset, shut.
4. Use the following words as noun as well as verbs.  
(i) Water (ii) Light (iii) Fan (iv) Head (v) Chair  
(vi) Table (vii) Hand (viii) Face (ix) Man (x) Book  
(xi) Bag (xii) Dust (xiii) Coat (xiv) house (xv) Pocket

#### HINDI

- 1) भारत में मनाए जाने वाले किन्ही पाँच त्योहारों के नाम व उनके मनाए जाने वाले माहीनों के नाम लिखिए ।
- 2) व्यक्तिवाचक ,जातिवाचक , भाववाचक संज्ञा के दस -दस उदहरण दीजिए ।
- 3) अपनी मनपसंद ऋतु पर एक कविता लिखिए । ( आठ पंक्तियाँ )
- 4) जल संरक्षण पर पाँच स्लोगन लीखिए ।
- 5) निम्नलिखित शब्दों से संबंधित मुहावरा लिखकर उसके अर्थ लिखें और उसका वाक्य में प्रयोग करें ---  
आँख ,कान ,नाक ,मुँह ,दाँत ,पेट ,बाल ,पैर ,कमर ,सिर ,गाल ,गोद ,हृदय ,दाढ़ी  
निम्नलिखित उपसर्ग से एक शब्द निर्माण कीजिए -कु ,सु ,दर ,गैर पर ,हम

#### SANSKRIT

1. देव,लता,मुनि,नदी,भानु, अस्मद्, युस्मद् तथा एतत् किम्,(त्रिषु लिंगेषु) लिखित्वा स्मरतु ।
2. पठ्, गम्, भू, अस्, दृश् एतेषां धातुरुपाणि पंचलकारेषु लिखित्वा स्मरतु ।
3. क्त्वा, ल्यप्, तुमुन् एतैः प्रत्ययैः निर्मितानि दश-दश पदानि लिखतु ।
4. प्रदत्तपदैःसंस्कृतेन वाक्यानि रचयतु :-  
सः, तौ, ते बालिका ,रमा,मुनयः,शिक्षकाः, अश्वौ,त्वम्, युवाम्, यूयम्, अहम् ,आवाम्, वयम्
5. कांश्चित् पंचनीतिबोधकान् श्लोकान् अर्थैः सह लिखित्वा स्मरतु ।

#### SCIENCE

1. Draw a flow chart of mode of nutrition with example.
2. How are nutrients replenished in the soil? Explain with diagram.
3. State the function of each of the following:-
  - (i) Bile juice
  - (ii) Pancreatic juice
  - (iii) Intestinal juice
  - (iv) Hydrochloric acid
4. Name the four types of teeth in the human mouth and write their functions.
5. Draw a neat well labelled diagram of the human digestive system.

## MATHS

1. Define natural number, whole number, integer, rational number with example.
2. Write three rational number equivalent to each of the following:
  - (a)  $\frac{4}{7}$
  - (b)  $\frac{36}{108}$
  - (c)  $-\frac{5}{-7}$
3. Express  $-\frac{64}{256}$  as a rational number
4. Find the value of x
  - (a)  $\frac{3}{-5} = \frac{x}{15}$
  - (b)  $\frac{36}{x} = -4$
5. Arrange in ascending order:  $\frac{4}{7}$ ,  $\frac{5}{9}$ ,  $\frac{2}{5}$
6. Represent on number line :  $\frac{2}{3}$ ,  $\frac{25}{4}$ ,  $2\frac{6}{7}$ ,
7. compare the number
  - (i)  $-\frac{5}{7}$ ,  $\frac{9}{-13}$
  - (ii)  $\left|\frac{5}{7}\right|$ ,  $\left|\frac{-15}{21}\right|$
8. Find the value of  $\frac{3}{5} + \frac{5}{4} + \frac{-7}{15} + \frac{-3}{8}$
9. Find the value of x-y and y-x . Are they equal ?
10. The product of two rational number is 7 if one number is  $-\frac{5}{9}$  find other number.

### Enrichment Questions:

1. Verify  $(X \times Y) \times Z = X \times (Y \times Z)$ ; If  $X = \frac{3}{5}$  ;  $Y = -\frac{7}{3}$  ;  $Z = \frac{8}{11}$
2. Verify that:  $(X-Y)^{-1} = X^{-1} - Y^{-1}$  , If  $X = -\frac{2}{7}$  ;  $Y = \frac{4}{7}$
3. The product of two rational number is 1 if one number is  $-\frac{5}{7}$  Find other number.
4. With what number should we multiply  $-\frac{36}{35}$  so that the product be  $-\frac{6}{5}$ .
5. From a rope of the lenth 40 m ;a man cut equal sized pieces. How many pieces can be cut if each pieces is of  $\frac{4}{9}$  m lenth.
6. Verify the property  $X(Y+Z) = X \times Y + X \times Z$  , If  $X = \frac{1}{3}$  ,  $Y = \frac{1}{5}$   $Z = \frac{1}{7}$
7. Insert three rational number between  $-\frac{4}{3}$  and  $-\frac{19}{3}$ .
8. Find five rational numbers between  $-\frac{4}{5}$  and  $\left|\frac{-4}{5}\right|$
9. Verify that  $(x - y)^{-1} \neq x^{-1} - y^{-1}$  by taking  $x = -\frac{2}{7}$  ,  $y = \frac{4}{7}$
- 10 . For  $x = \frac{3}{4}$  and  $y = -\frac{9}{8}$  , insert a rational number between  $(x + y)^{-1}$  and  $x^{-1} + y^{-1}$

## SOCIAL SCIENCE

- I) Make a model of volcano.
- II) Draw a colored diagram showing different spheres of the environment.

- III) Collect pictures of the great monuments of north India and its location, special characteristics, famous handicrafts etc.
- IV) Design a timeline chart showing major Dynasties and rulers of sultanate period.
- V) Make a advertisement to create awareness about literacy or health.

- **Do all the questions in a separate file.**

### **Computer Science**

1. Write short notes on fourth and fifth generation computers also collect some picture related to these generation.
2. Write the advantages of creating an E-mail account.
3. Write short notes on:-
  - a. Robotics
  - b. Wi-Fi
  - c. Cloud computing

**Drawing:** Page number 5 to 10.