

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

## Holiday Home – Work (2018-19)

### **Class : VIII**

#### ENGLISH

- Q1 Write a story with the help of the given hints in 200 –250 words . Also give a suitable title .  
Seema – working as a maid -----eager to go to school ---- unable to do so -----  
family responsibilities – lend a hand to support .
- Q2 Write the past and past participle forms of the given verbs –  
Live , see, sit, throw, make , get, sleep, listen, talk, arrive , drop, run, rise, take , find, stay, study,  
think, buy, bring, come, teach, know, praise, write, win, live, pay, lay, attract, look, clean, lock,  
find, cry, say, drench, open , shine, fall, leave, draw , regret , grumble, tell, eat, spend, keep,  
meet, grow.
- Q3 Do comprehension from page number 142 –147 in practice book.
- Q4 Learn all the answers.

#### SANSKRIT

- देव, लता, कवि, नदी, मातृ, साधु, भवत्, विद्वस्, अस्मद् युष्मद् एतेषां शशब्दरूपाणि लिखित्वा स्मरतु ।
- दृश्, स्था, गम्, कृ, अस् एतेषां धातूनां रूपाणि पंचलकारेषु लिखित्वा स्मरतु ।
- क्त्वा, ल्यप्, तुमुन्, क्त, क्तवतु एतैः प्रत्ययैः निर्मितानि दश–दश पदानि लिखतु ।
- पंच नीतिबोधकानि संस्कृतपद्यानि लिखित्वा स्मरतु ।
- एकां शिक्षाप्रदां कथां लिखतु ।

#### HINDI

- 'र' के विभिन्न रूपों का प्रयोग करते हुए दस–दस शब्द लिखिए ।
- अनुस्वार व अनुनासिक में अंतर स्पष्ट करें तथा इसका प्रयोग करते हुए दस–दस शब्द बनाइए ।
- अनुप्रास अलंकार को सोदाहरण परिभाषित कीजिए ।
- निम्नलिखित विराम चिह्नों का वाक्य में प्रयोग करें:—  
क. पूर्ण विसम ख. अल्पविराम ग. एकल उद्धरण  
घ. निदेशक ड. विस्मयदिबोधक च. प्रश्नसूचक  
छ. दोहरा उद्धरण ज. योजक झ. लाघव  
ञ. कोष्ठक
- निम्नलिखित शब्दों से भाववाचक संज्ञा बनाइए—  
क. बूढ़ा ख. मीठा ग. बच्चा घ. मम  
ड. ऊँचा च. लिखना छ. चलना ज. संस्कृति  
झ. रोगी ज. विद्वान
- सर्वनाम की परिभाषा लिखते हुए उसके भेदों के दो–दो उदाहरण लिखिए ।

#### **Subject enrichment question**

- मनोरंजन के लिए पशु को कैद करना अनुचित है । कथन के आलोक में अपने तर्क दीजिए ।

#### **SCIENCE**

#### Physics

- Explain five effects of a force by taking suitable examples from our day to day life.
- Give reasons for the following:  
(a) Railway tracks are laid on large sized wooden / iron sleepers.  
(b) Nails, pins and spikes have pointed ends.  
(c) A sharp knife cuts vegetable and fruits more effectively than a blunt knife.  
(d) Tanks and bulldozers are fitted with caterpillar tracks rather than wheels.
- What is hydrostatic pressure? Write properties of hydrostatic pressure.

4. Explain with an activity, pressure exerted by the water column at the bottom of the container increases with an increase in the height of its column.

### **Chemistry**

1. Classify different sources of energy with examples.
2. What are fossil fuels? How was coal formed?
3. Name the major coal mines in India.
4. Define the following terms:
  - (a) Carbonisation
  - (b) Destructive distillation
  - (c) Exhaustible and inexhaustible source of energy.

### **Biology**

- Q1 Compare the use of manure and fertilizers in maintaining soil fertility.
- Q2 Why should preventive measures and biological control methods be preferred for protecting crops?
- Q3 What factors may be responsible for losses of grains during storage?
- Q4 How do plants get nutrient ? compare the source and type of nutrients they get.
- Q5 Discuss various methods of weed control.

### **MATHS**

- 1) Find the smallest number by which 4851 must be multiplied so that the product becomes a perfect square.
- 2) Find the smallest number by which 1152 must be divided so that the product becomes a perfect square.
- 3) The product of two numbers is 1575 and their quotient is  $\frac{9}{7}$ . Find the numbers.
- 4) A PT teacher wants to arrange maximum possible number of 6000 students in a field such that the number of rows is equal to the number of columns. Find the number of rows if 71 were left out of arrangement.
- 5) Find the least number that must be subtracted from 4401624 to make them a perfect square.
- 6) Find the least number that must be added to 4515600 to make them a perfect square.
- 7) The area of a square field is  $60025 m^2$ . A man cycles along its boundary at 18 Km/hr. In how much time will he return at the starting point?
- 8) The area of a square field is  $80\frac{244}{729} m^2$ . Find the length of each side of the field.
- 9) Find the length of a side of a square playground whose area is equal to the area of a rectangular field of dimensions 72m and 338 m.
- 10) Find the value of  $\sqrt{15625}$  and then use it to find the value of  $\sqrt{156.25} + \sqrt{1.5625}$
- 11) Find the square root of 176.252176
- 12) Find the square root of  $10\frac{2}{3}$  correct to three place of decimal.
- 13) The area of a square field is  $325m^2$ . Find the approximate length of one side of the field.
- 14) What happens to cube of a number if the number is multiplied by 5 ?
- 15) Find the volume of a cube, whose surface area is  $384m^2$ .

- 16) Find the volume of a cube, one face of which has an area of  $64 m^2$ .
- 17) Three numbers are in the ratio 1:2:3. The sum of their cubes is 98784. Find the numbers.
- 18) Evaluate:  $125\sqrt[3]{a^6} - \sqrt[3]{125a^6}$
- 19) Fill in the blanks: a)  $\sqrt[3]{480} = \sqrt[3]{3} \times 2 \times \sqrt[3]{\dots}$ . (b)  $\sqrt[3]{\dots} = \sqrt[3]{4} \times \sqrt[3]{5} \times \sqrt[3]{6}$
- 20) Three numbers are to one another 2:3:4. The sum of their cubes is 0.334125. Find the numbers.
- 21) LEARN AND THEN WRITE THE MULTIPLICATION TABLES FROM 2 TO 19
- 22) LEARN AND WRITE THE SQUARE FROM 1 TO 25
- 24) LEARN AND WRITE THE CUBES FROM 1 TO 10
- 25) LEARN AND WRITE DOWN THE DIVISIBILITY RULES OF 2,3,4,5,6,8,9,,10,11,12,15

## SOCIAL SCIENCE

### Geography

#### SUBJECT ENRICHMENT

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- 1) What will be the exhaustion of resources on human life?
- 2) What are the essential conditions for long term sustainability if resources?
- 3) Draw the poster on conservation of water?
- 4) What are the main objectives of sustainable development?
- 5) What are the main possible reasons for the pollution of river demander?

#### HOLIDAY HOMEWORK

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- 1) Distinguish between developing and developed countries.
- 2) What role is played by human resources in the development of a country?
- 3) Suggest various ways by which resources can be conserved?

### HISTORY & CIVICS

- I) Collect information about historical monuments and prepare a report in it.
- II) Write five news items everyday from the newspaper connecting history, politics, earth facts or environment.
- III) Make a project on the topic –“The revolt of 1857 ie first war of Indian independence ”
  - Do all the questions in a separate file

### Computer Science

1. Write five points on ‘Utility of Internet’.
2. What is Network? Write any three advantages of using Computer Network.
3. What is the difference between wired and wireless technology used in a network? Write two examples each.
4. Define: (a) Webpage (b) Website (c) URL

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

