



# DELHI PUBLIC SCHOOL

SAIL Township, Ranchi  
Summer Holiday Assignment (2017-18)

Class:-VII

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## English

### Section A (Reading)

1. Read the given passage carefully.

#### HOW DOES ONE DEFINE VALUES OR A VALUE SYSTEM

Values can be defined as beliefs or attitudes that you hold close; something that you want to keep as a standard for judging yourself and the rest of the world. It is the basis of your sense of right or wrong and good or bad. It is our values that derive us to act in certain ways, to lead a certain lifestyle and to shun certain habits. Actually each of us has a unique value system – almost as unique as our fingerprints. Yet, value system can differ starkly even within the same family or group of friends. There are many values and any combination of these separate values will form a person's value system. To figure out yours, you must do a lot of soul-searching, ask yourself questions about what really matters to you and what you deeply believe in, or what are the issues that you are not willing to compromise on-that will be your unique set of values.

Answer the following questions:-

1. How can the values be best defined?
  2. On what grounds is the sense of right and wrong based on?
  3. Our value system is compared to which thing?
  4. What is required to do to figure out one's value system?
  5. What is the opposite of 'separation' in the above passage?
2. You travelled by Delhi Metro for the first time. Write a letter to your friend in Aligarh, sharing your excitement and feelings.
3. Fill up the blanks' with 'a', 'an', or 'the':
- (i) \_\_\_\_\_ English defeated \_\_\_\_\_ Germans.
  - (ii) \_\_\_\_\_ Punjab is \_\_\_\_\_ border state.
  - (iii) Yesterday I saw \_\_\_\_\_ one-eyed man.
  - (iv) Kalidasa is \_\_\_\_\_ Shakespeare of India.
4. Form Abstract Nouns from the following:
- (a) Long            (b) Never        (c) Prudent        (d) Vain

5. Answer the following questions:

(a) suggest some ways that will help to fulfill the wish of the poet Ruskin Bond. (V.B.Q.)

6. Who is described as 'an infant prodigy? Why? (Magic Bonbon)

**MATHEMATICS**

1. Simplify :-

$$222 - [1/3 \{42 + (56 - 8 + 9)\} + 108]$$

2. Simplify :-

$$63 - [(1-3)\{-2-8-3\}] \div [3\{5+(-2) (-1)\}]$$

3. If  $\star$  is an operation such that for integers a and b we have

$$a \star b = a \times b + (a \times a + b \times b)$$

then find (i)  $(-3) \star (-5)$

(ii)  $(-6) \star 2$

4. Height of a places A is 1800m above sea level. Another place B is 700m below sea level. What is the difference between the levels of these two places?

5. A green grocer had a profit of Rs. 47 on Monday, a loss of Rs 12 on Tuesday and a loss of Rs. 8 on Wednesday. Find his net profit or loss in 3 days.

6. Evaluate :  $\frac{5}{6}$  of  $\frac{5}{13} \div \frac{15}{16} \times 1 \frac{1}{2}$

7. Simplify :  $10 \frac{1}{2} - [8 \frac{1}{2} + \{6 - (7 - 6 - 4)\}]$

8. Subtract the sum of  $\frac{1}{4}$  and  $\frac{3}{8}$  from the sum of  $\frac{2}{3}$ ,  $\frac{3}{4}$  and  $\frac{7}{12}$

9.  $\frac{4}{7}$  of a pole is in the mud. When  $\frac{1}{3}$  of it is pulled out, 250cm of the pole is still in the mud. What is the full length of the pole ?

10. Find the value of  $\frac{(0.2 \times 0.14) + (0.5 \times 0.91)}{(0.1 \times 0.2)}$

11. Seven times a number is 12 less than thirteen times the same number. Find the number.

12. If  $n/2 = 3$ , then find the value of  $(3n+2)$ .

**PHYSICS**

**CHAPTER: HEAT**

1 Why mercury is used as a thermometric liquid ?

2 What is the function of kink in a clinical thermometer ?

3 What is the relation between calorie and joule ?

4 Compare clinical thermometer and a lab thermometer.

5 Differentiate between conductors and insulators. Classify the following materials as conductors and insulators

Thermocole, plastics, wood, copper, rubber, aluminium

6 Write an activity to show that black bodies are better absorber than white bodies.

- 7 Mention two applications of convection currents.
- 8 Why an electric room heater is provided with a curved polished metal behind the heating element ?
- 9 Why a shiny tea pot stay hotter than a dull brown tea pot ?
- 10 Why now a days digital thermometers are widely used ?

### CHEMISTRY

1. Name the gases which dissolve in rain water to form acid rain
2. State any two ill effects of acid rain
3. Explain- Factory waste are neutralized before being discharged into the water bodies
4. State two differences between acid and base
5. Name the base found in lime water and soap

### BIOLOGY

Q.1 Why leaves need to be boiled in alcohol in a water bath before the test of starch?

Q.2 Write one function of each-

- a) Villi
- b) Tongue
- c) Canine teeth
- d) Mucus lining

Q.3 Insectivorous plants are green. So why does it feed on insects ?

Q.4 How do variegated leaves prepare their food?

Q.5 Name three digestive glands, their juices and the component of food they digest.

Q.6 Why do we have hiccups ?

### History

I. One word/sentence answer:

1. Babur used this term to describe the geography and natural vegetation of this sub continent.
2. This is a history of the kings of Kashmir. Name it.
3. Name the ceremony of golden womb performed by Dantidurga.
4. Who was considered a 'foreigner' in the past?

II. Answer in Short:

1. Which Century marked the beginning of the medieval period? Why?
2. Why are coins and inscriptions important for the study of medieval period?
3. What did Hindustan stand for in medieval Times?
4. Do the comparative study of the achievements of Md. Ghori and Mahmud Ghazni.

III. Answer in detail:

1. List important chroniclers available for the study of the medieval period.
2. What is the difference between history as recorded by courtiers and history as recorded by modern chroniclers?
3. What steps did the Chola emperor take to develop agriculture and irrigation in Tamil region?

### Civics

I. One word/sentence answer:

1. Name the group at the bottom level of the caste ladder.
2. What is the caste system in India?
3. Define Universal Adult Franchise.

## II. Answer in Short:

1. State two ways in which Article 15 of our constitution addresses inequality amongst citizens.
2. What are the advantages of Mid-day-meal Scheme?
3. The government's initiatives to reduce the inequality in our daily lives work very slowly. Give reasons.

## GEOGRAPHY

1. ANSWER TYPE FOLLOWING IN ONE / TWO WORDS :
  - (I) Which force of the earth holds the atmosphere around it?
  - (II) When is the World Environment Day celebrated every year?
2. ANSWER THE FOLLOWING IN SHORT
  - (I) Distinguish between biotic and abiotic environment.
  - (II) Explain the term atmosphere along with its importance.
3. ANSWER THE FOLLOWING IN LONG :
  - (I) Write a short note on lithosphere.
  - (II) How have human beings adapted to the environment to fulfill their needs?
4. ANSWER TYPE FOLLOWING IN ONE / TWO WORDS
  - (I) Which type of rocks maximum found in your state?
  - (II) Fossils are found in which type of rock?
  - (III) The Red Fort is made of which rock?
5. ANSWER THE FOLLOWING IN SHORT
  - (I) Distinguish between 'SIAL' and 'SIMA'
  - (II) How are metamorphic rocks formed?
  - (III) How are rocks and minerals useful to us?
6. ANSWER THE FOLLOWING IN LONG :
  - (I) Distinguish between Igneous, Sedimentary and Metamorphic rock.
  - (II) Explain the working of the rock cycle.

## संस्कृत

1. हिन्दी भाषायाम् अनुद्यताम् –  
सत्येन धर्यते पृथ्वी सत्येन तपते रविः।  
सत्येन वाति वायुश्च सर्वं सत्ये प्रतिष्ठितम्।।
2. एकपदेन उत्तरं लिखत –
  - (i) मूढैः कुत्र रत्नसंज्ञा विधीयते?
  - (ii) लोके वशीकृतिः का?
  - (iii) कूर्मस्य किं नाम आसीत्?
  - (iv) सरस्तीरे के आगच्छन्?
3. एकवाक्येन उत्तरं लिखत –
  - (i) पृथिव्यां त्रीणि रत्नानि कानि?
  - (ii) कूर्मः मित्रयोः वचनं विस्मृत्य किम् अवदत्?
4. रेखांकितपदानि आधृत्य प्रश्ननिर्माणं कुरुत –
  - (i) वसुन्धरा बहुरत्ना भवति।
  - (ii) विद्यायाः संग्रहेषु त्यक्तलज्जः सुखी भवेत्।

5. अधोलिखित पदेषु धातवः के सन्ति?
- (i) करोति - \_\_\_\_\_
- (ii) गच्छति - \_\_\_\_\_
- (iii) पश्य - \_\_\_\_\_
- (iv) तिष्ठति - \_\_\_\_\_

6. चित्रम् दृष्ट्वा मञ्जूषासहायतया च एकपदेन उत्तराणि लिखत -
- (i) कः उत्तिष्ठति?
- (ii) बालः कति वादने उत्तिष्ठति?
- (iii) प्रातः कः भवति?
- मञ्जूषा - षड्वादने, प्रकाशः, बालः



7. शब्दरूपं लिखत -
- लता - षष्ठी, सप्तमी विभक्ति

8. धातुरूपं लिखत - दृश् - लङ् लकार

9. अनुच्छेदं पठित्वा प्रश्नानाम् उत्तराणि लिखत -

भारतस्य उत्तरस्यां दिशायां पर्वतराजः हिमालयः अस्ति। सः उत्तरदिशायां प्रहरी इव भारतं रक्षति। हिमालयः भारतदेशस्य समृद्धिः अस्ति। अस्मात् पर्वतात् अनेकाः नद्यः निस्सरन्ति देशस्य विशालं भूभागं च सिंचन्ति।

- I. एकपदेन उत्तरत -
- (i) भारतस्य उत्तरदिशायां कः पर्वतः अस्ति?
- (ii) कः भारतदेशस्य समृद्धिः अस्ति?
- II. पूर्णवाक्येन उत्तरत -
- (i) हिमालयात् काः निस्सरन्ति?
- III. प्रदत्त विकल्पेभ्यः उचितं उत्तरं चिनुत -
- (i) 'हिमालयः' पदस्य कृते किं विशेषणपदम् अत्र प्रयुक्तम्?
- (क) अस्ति
- (ख) पर्वतराजः
- (ग) दिशायां
- (ii) 'नद्यः' इति पदस्य किं क्रियापदम् अत्र प्रयुक्तम्?
- (क) भूभागम्
- (ख) विशालम्
- (ग) निस्सरन्ति

हिन्दी

वर्ग - सात

1. पठित गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर दें -
- मैंने छुटपन में छिपकर पैसे बोए थे,  
 सोचा था, पैसे के प्यारे पेड़ उगेंगे,  
 रूपयों की कलदार मधुर फसलें खनकेंगी  
 और फूल फलकर, मैं मोटा सेठ बनूँगा  
 पर बंजर धरती में एक न अंकुर फूटा,  
 बंध्या मिट्टी ने न एक भी पैसा उगला!  
 मैं अबोध था, मैंने गलत बीज बोये थे,  
 ममता को रोपा था, तृष्णा को सींचा था!
- (क) कवि ने बचपन में क्या बोया था?
- (ख) कवि फूल-फलकर क्या बनना चाहते थे?
- (ग) बंजर और कलदार शब्द का अर्थ लिखें।
- (घ) धरती ने एक भी पैसा क्यों नहीं उगला?

2. 'सफलता की त्रिवेणी' पाठ के आधार पर बताएँ कि सफलता पाने के लिए हमें क्या करना चाहिए?
3. 'शिक्षक के राष्ट्रपति' पाठ के आधार पर किसी एक राष्ट्रपति का परिचय दें।
4. भाषा और बोली में अंतर स्पष्ट करें। (उदाहरण देते हुए)
5. दिए गए शब्दों में उचित अनुस्वार और अनुनासिक का प्रयोग करें –  
अडा, गदा, चचल, चाद, पाच, आख
6. द्वित्व व्यंजन से बने चार शब्द लिखें।
7. संयुक्त व्यंजन (क्ष, त्र, ज्ञ, श्र) से दो-दो शब्द निर्माण करें।
8. खाली पत्तियों में उपयुक्त वर्ण भरिए –



9. सही वर्तनी पर ✓ का निशान लगाइए –

सामाजिक	सामाजीक	समाजीक	सामजिक
आर्शिवाद	आर्शीवाद	आशीर्वाद	आशिर्वाद
क्रायक्रम	कार्यक्रम	कार्यकर्म	क्रियाक्रम
विधालय	विद्यालये	विद्यालय	विद्यालयै
उज्वल	उज्ज्वल	उज्जवल	उजवल
10. शुद्ध वर्तनी वाले वर्ग में ✓ का निशाल लगाइए –

गांठ	चाँद	भांति	माँस
दयालू	घरेलू	कृपालू	साधू
बल्की	क्योंकि	श्रीमति	निरोग
हिन्दु	गुरु	शुरू	विदूषी
रितु	श्रृंगार	हृदय	घ्रणा