



DELHI PUBLIC SCHOOL

SAIL Township, Ranchi

Summer Holiday Assignment (2017-18)

CLASS - VIII

ENGLISH

Section – A (Reading)

1. Read the following passage carefully.

SLUMS: A FACT OF LIFE

The social fabric of the world we inhabit has been divided and categorized under many different headings but the division on the basis of material wealth is the most glaring and common across all the nations.

It is a stark reality that the world can be divided into two slots – the haves and the have-nots and also that all affluent cities are surrounded by slums. Just as a coin has two sides, every city has two faces- the bright, the well-lit and the illuminated world of the rich and the dark, dingy, depressing world of the poor. The poor people exist on the periphery, constantly yearning for the bright world and the rich are dependent on them to keep their world well scrubbed and spruced up.

It is not surprising that Delhi is poised on the brink of disaster. With five lakh people migrating to this metropolis every year, it is not difficult to see why the quality of life has deteriorated at such an alarming rate. The newspapers are full of crimes committed because of the breakdown of basic facilities and corrosion of human values.

This brings us to slums- the alleged breeding grounds of Delhi's problems. Over the years, the number of slums and unauthorized settlements has leapfrogged. There is hardly any residential colony in this city that is not hemmed in by them. Yet they too serve a purpose – they provide cheap labour and captive vote banks. The very people who turn up their noses at the dirt, disease and filth that festers in these areas, use these 'breeding grounds' as a pool for domestic servants that can be hired and fired at will and daily wage labourers who are grateful for any kind of employment. Isn't it about time we examined our own role and acknowledged our responsibility for the proliferation of these slums?

Questions

- a) What are the reasons that Delhi is on the brink of disaster?
- b) According to the passage, why most of the crimes are committed?
- c) The very people who turn up their noses at the dirt " means in passage ----
- d) What are the strims responsible for?
- e) The meaning of accumulation is

Writing/Grammar

2. Recently you volunteered in the Prime Minister's "Clean India Campaign" lakhs of people supported the movement. You watched the whole movement on the new channels. It reminded you of Gandhiji's effort to make India clean. Write a diary page expressing your feelings.

3. Identify the noun phrases in the sentences:-

- a) The lost puppy was a wet and stinky dog
- b) The sports car drove the long and winding road.

4. Identify the subordinate clause:-

- a) Does anyone know what we are having for dinner?
- b) I am trying to decide which book I want to read next.

5. The follow passage has not been edited there is an error in each line. write incorrect word and the correction in your copy.

on the dark stormy nights when the whole of a) _____
Mathura sleeps soundly, Vasudeva set out with b) _____
the basket on his head. It is raining heavily c) _____
visibility was poor. Jamuna was in floods d) _____
but when Vasudeva reached the river banks, e) _____
to his amazement the waters recede and f) _____
he was able to crossing over and proceed g) _____
to Gokul.

Section – C (Literature)

I. List five qualities you would associate with Christmas. Do you think these qualities can be a part of everyday life?

हिन्दी

साहित्य- भाग

- प्रश्न 1.(क) स्वराष्ट्र में दिवज किन गुणों से युक्त होने चाहिए ?
(ख) 'त्याग का आनंद और उपकार का संतोष' ही कहानी का आधार है। स्पष्ट कीजिए।
(ग) डिबिया में रत्न है, यह अनुभूति नहीं जानी चाहिए। रवीन्द्र जी ने यह क्यों कहा है ?
(घ) मनुष्य को समाज की शक्ति क्यों कहा गया है ? लहरों से उसकी तुलना क्यों की गई है ?
(ङ) निम्नलिखित के दो-दो पर्यवाची शब्द लिखे:-
(i) शक्ति (ii) लहर

व्याकरण

- प्रश्न 2.(क) व्याकरण किसे कहते हैं ? उदाहरण सहित स्पष्ट कीजिए। व्याकरण के अंग या विभागों का भी परिचय दीजिए ?
(ख) बोली एवं लिपि में परिभाषा सहित अन्तर स्पष्ट कीजिए।
(ग) वर्ण किसे कहते हैं ? इनके भेदों को उदाहरण सहित स्पष्ट कीजिए।

अपठित- गद्यांश

प्रश्न 3. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के लिए सही उत्तर वाले विकल्प का चयन कीजिए-

कविता के उद्देश्य हमारे हृदय पर प्रभाव डालना होता है, जिससे उसके भीतर प्रेम, आनंद, हास्य, करुणा, आश्चर्य इत्यादि अनेक भावों में से किसी का संचार हो। जिस पद्य में इस प्रकार का प्रभाव डालने की शक्ति न हो, उसे कविता नहीं कह सकते। ऐसा प्रभाव उत्पन्न करने के लिए कविता पहले कुछ रूप और व्यापार हमारे मन में इस ढंग से खड़ा करती है कि यह प्रतीत होने लगता है कि वे हमारे सामने उपस्थित है। जिस मानसिक शक्ति से कवि ऐसी वस्तुओं और व्यापारों की योजना करता है और हम अपने मन में धारण करते हैं, वह कल्पना कहलाती है। इस शक्ति के बिना न तो अच्छी कविता ही हो सकती है, न उसका पूरा आनंद ही लिया जा सकता है। सृष्टि में हम देखते हैं कि भिन्न-भिन्न प्रकार की वस्तुओं को देखकर हमारे मन पर भिन्न-भिन्न प्रकार का प्रभाव पड़ता है। किसी सुंदर वस्तु को देखकर हम प्रफुल्ल हो जाते हैं, किसी अद्भूत वस्तु या व्यापार को देखकर आश्चर्यमग्न हो जाते हैं, किसी दुख के दारुण दृश्य को देखकर करुणा से आर्द्र हो जाते हैं। यही बात कविता में भी होती है।

1. कविता का उद्देश्य क्या होता है ?
 - (क) कवि को प्रसिद्धि दिलाना
 - (ख) कवि के धनार्जन का साधन
 - (ग) पाठक के मन पर प्रभाव डालना
 - (घ) खाली समय बिताने का साधन
2. किस गुण के अभाव में पद्य को कविता नहीं कहा जा सकता है ?
 - (क) जिसमें गेयता न हो
 - (ख) जिसमें मधुरता न हो
 - (ग) जिसमें पाठक में प्रेम, आनंद, हास्य, करुणा, आश्चर्य आदि उत्पन्न करने की शक्ति न हो
 - (घ) जिसमें कवि को धनार्जन कराने की क्षमता न हो
3. कवि के लिए कल्पना का क्या महत्व है ?
 - (क) वह कल्पनाशक्ति से कविता के प्रकाशन के बारे में सोचता है।
 - (ख) वह कल्पनाशक्ति से श्रोताओं की संख्या का अनुमान लगता है।
 - (ग) वह कल्पनाशक्ति को अपने मन में धारण करता है।
 - (घ) कवि कल्पनाशक्ति से वस्तुओं और व्यापारों की योजना करता है।
4. पाठक इनमें से किसके अभाव में कविता का आनंद नहीं ले सकता है ?
 - (क) स्वनाशक्ति
 - (ख) कल्पना शक्ति
 - (ग) श्रमशक्ति
 - (घ) जन शक्ति
5. कविता पढ़कर पाठक कब करुणा से आर्द्र हो जाता है ?
 - (क) दुख के दारुण दृश्य को देखकर
 - (ख) किसी सुंदर वस्तु को देखकर
 - (ग) किसी अद्भूत वस्तु को देखकर
 - (घ) कविता की पुस्तक का महँगा मूल्य देखकर

MATHEMATICS

1. Arrange the following rational numbers descending order –

(i) $\frac{-5}{6}$, $\frac{-7}{12}$, $\frac{-13}{18}$, $\frac{23}{-24}$

(ii) -2 , $\frac{-13}{6}$, $\frac{8}{-3}$, $\frac{1}{3}$

2. Verify $\left(\frac{a}{b} + \frac{c}{d}\right) + \frac{e}{f} = \frac{a}{b} + \left(\frac{c}{d} + \frac{e}{f}\right)$ for $\frac{a}{b} = \frac{-2}{3}, \frac{c}{d} = \frac{5}{7}, \frac{e}{f} = \frac{-1}{6}$

3. Rearrange suitably and find the sum

i) $\frac{5}{3} + \frac{11}{2} + \left(\frac{-9}{4}\right) + \left(\frac{-8}{3}\right) + \left(\frac{-7}{2}\right)$

ii) $\frac{-4}{7} + \frac{7}{6} + \frac{2}{7} + 3 + \left(\frac{-11}{6}\right)$

4. Using commutativity and associativity of addition, express each of the following as a rational number

i) $\frac{3}{5} + \left(\frac{-7}{6}\right) + \frac{2}{5} + \left(\frac{-5}{6}\right)$

ii) $\frac{4}{3} + \left(\frac{-4}{5}\right) + \frac{-2}{3} + \left(\frac{7}{5}\right) - 2$

5. The sum of two rational numbers is $-\frac{4}{3}$. If one of the numbers is -5 , find the other.

6. What number should be added to $-\frac{5}{11}$ as to get $\frac{26}{33}$?

7. What number should be subtracted from $-\frac{5}{3}$ to get $\frac{5}{6}$?

8. What should be added to $\left(\frac{1}{2} + \frac{1}{3} + \frac{1}{5}\right)$ to get 3 ?

9. What should be subtracted from $\left(\frac{3}{4} - \frac{2}{3}\right)$ to get $-\frac{1}{6}$?

10. Evaluate $\frac{6}{7} - 2 + \left(\frac{-7}{9}\right) + \frac{19}{21}$

11. Verify the property $x(y+z) = xy + xz$ when $x = \frac{-3}{4}, y = \frac{-5}{2}, z = \frac{7}{6}$

12. Find $\frac{x+y}{x-y}$, if $x = \frac{5}{4}, y = \frac{-1}{3}$

13. Divide the sum of $\frac{65}{12}$ and $\frac{12}{7}$ by their difference.

14. Find the rational numbers between $\frac{-2}{5}$ and $\frac{1}{2}$.

15. Represent the following numbers on a number line

(i) $-4\frac{3}{5}$, (ii) $-2\frac{7}{8}$ (iii) $\frac{-1}{3}$, (iv) $5\frac{5}{7}$

SQUARE AND SQUARE ROOTS, CUBE AND CUBE ROOTS)

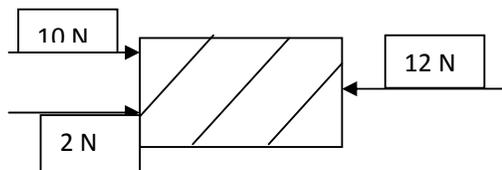
- Q1. Show that $\frac{-216}{42875}$ is the cube of a rational number. also find that Rational number.
- Q2. Find the cube of $5\frac{2}{7}$.
- Q3. Divide the number 26244 by the smallest number so that the quotient is a perfect cube .
- Q4. Find the cube root of each of the followings numbers :
- a) 140×2450 b) -2300×5290
- Q5. Evaluate: a) $\sqrt[3]{27} + \sqrt[3]{0.008} - \sqrt[3]{0.064}$
b) $\sqrt[3]{1000} + \sqrt[3]{0.008} - \sqrt[3]{0.125}$
- Q6. Find the value: a) $\sqrt[3]{\frac{0.027}{0.008}} + \sqrt[3]{0.008} - \sqrt[3]{0.064}$
- Q7. Three numbers are to one another 2:3:4.The sum of their cubes is 0.334125. Find the number.
- Q8. Find a Pythagorean triplet in which one member is 37.
- Q9. Find the smallest number by which 9408 must be divided so that the quotient is a perfect square. Find the square root of the quotient.
- Q10. Find the smallest square number which is divisible by each of the numbers 6, 9 and 15.
- Q11. Find the greatest 6-digit number which is a perfect square.
- Q12. There are 500 children in a school. For a P.T drill they have to stand in such a manner that the number of rows is equal to number of columns. How many children would be left out in this arrangement.
- Q13. A decimal fraction is multiplied by itself. If the Product is 251953.8025, find the fraction.
- Q14. Find the square root of 11 correct to five decimal places.
- Q15. Find the least number which must be added to 306452 to make it a perfect square .

PHYSICS

1. What is the SI unit of Force?
2. Write two effects of force.
3. Why is it difficult to walk on a muddy road?
4. Give two examples, where friction is helpful.
5. Write differences between friction and gravity.

6. Why some people experience nosebleeds when they go to higher altitude ?

7. What is the net force action on the given body explain.



8. What is atmospheric pressure? Explain with an activity that atmospheric pressure acts in all directions.

CHEMISTRY

Metal & Non- Metals

1. Which non-metal is used as a fuel?
2. State five uses of non-metals & metals.
3. Define them.
 - a) reactivity series.
 - b) displacement reaction.
4. How do metals react with acids and water.
5. what will be nature (acidic/basic) of following oxides?
 - a) Magnesium Oxide
 - b) Sulphur Oxide
 - c) Carbon di oxide
 - d) Calcium Oxide
6. What do you understand by corrosion?
7. Can you hold a hot metallic pan which is without a plastic or a wooden handle? give reasons for your answer.
8. Why copper wire are used for electrical fittings?
9. What is ore? Write the common of Iron, Aluminium and copper. find out the name of places in India from where the above three metals are mined.
 - a) name a non metals which is very hard.
 - b) Write a word equation for the reaction of magnesium with oxygen.

BIOLOGY

Topic : Crop Production & Management

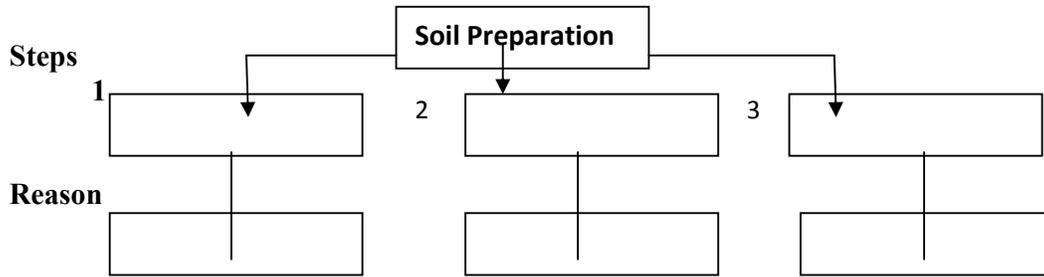
I Name the following:-

- i) Two Plantation Crops _____, _____
- ii) Two Oil Seeds _____, _____
- iii) Two Plants which are transplanted _____, _____

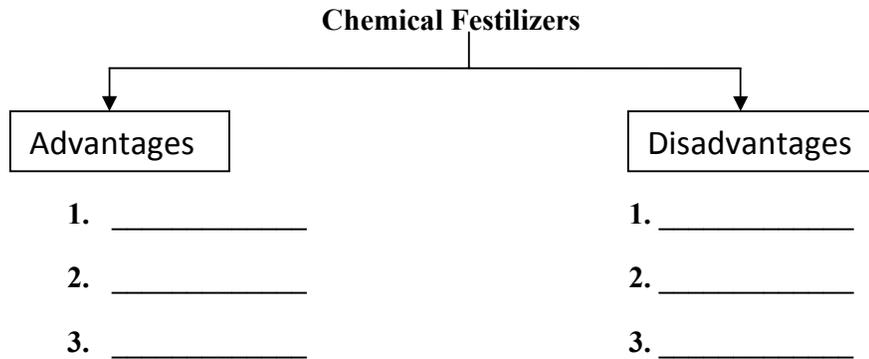
II Give reasons for the following:-

- i) Why are harvested crops dried before storing in godown?
- ii) Why should seeds be soaked in water before sowing?
- iii) Why should farmers avoid using weedicides and pesticides.

III Complete the flow chart:-



IV Complete the table:-



HISTORY

Very Short Answer

1. What were the two methods adopted by the British to establish their supremacy?
2. Make a list of Indian goods that were in demand in Europe?
3. What is colonisation?

Short Answer

1. What were the areas of conflicts between bengal nawabs and the East India company?
2. How was the battle of plassey a turning point in the Indian history?
3. What do you understand by the system of subsidiary alliance?
4. What were the benefit attained by East India company after assumption of diwani of bengal?
5. Why do we continue to to associate history with a string of dates?

Long Answer

1. How was the administration of the company different from that of the Indian rulers?
2. Describe the changes that occurred in the composition of the company's administration in colonial period?

Hots

1. What was the main motive of British rule in India? How did they succeed in their objective?

Civics

1. Differentiate between a monarchy and democracy? (one difference only)
2. Give any three important features of Indian constitution?

3. What will happen if there is no restriction on powers of elected representatives? (any three points)
4. What were the highlights of the text prepared by Dr. B.R. Ambedkar, who was the chairman of the constitution drafting committee.

GEOGRAPHY
Chapter1- Resources

Answer the following question in one word:-

1. What type of resource is present in a waterfall?
2. The exclusive right over any idea or inventions are to be called as.
3. The materials which help us to satisfy our needs are to be called.

Answer the following questions in brief:-

- I. Human beings are an important resource- Justify this statement.
- II. Distinguish between biotic and abiotic resources.
- III. What do you mean by conservation of resources?

Answer the following question in detail:-

1. Why do you think the use of resources should be sustainable?
2. Distinguish between renewable and non-renewable resources.

Chapter 2- Land, Soil, Water, vegetation & wild life resources

Answer the following question in one or two word:-

- I. How will you classify the land on the basis of ownership?

Answer the following questions in short:-

- I. What are land slides? Write two mitigation techniques of land slides.
- II. "Land is the most important natural resource." Justify this statement.

Answer the following question in long:-

- I. What is land use? discuss some reasons which are responsible of land use pattern.
- II. What are the common methods use to conserve land resources?

संस्कृत

प्रश्न 1. हिन्दीभाषायाम् अनुदयताम्

(क) साहित्य संगीत कलाविहीन :

साक्षात् पशुः पुच्छ विषाणहीनः

तृणं न खादन्नपि जीवमानः

तद्भागधेयं परमं पशूनाम्

(ख) एतस्मिन् अन्तरे गुहायाः स्वामी दधिपुच्छः नाम शृगालः सभागच्छेत् सः यावत् पश्यति तावत् सिंहपद

पद्धतिः गुहायां प्रविष्टा दृष्यते सः अचिन्तयत्—अहो विनष्टोऽस्मि ।

2. एकपदेन उत्तरत

- (i) सिंहस्य नाम किम् ?
(ii) गुहा केन प्रतिध्वनिता ?
(iii) गुणाः किं प्राप्य दोषाः भवन्ति ?
(iv) काः अपेयाः भवन्ति ?
3. रेखांकित पदानि आधृत्य प्रश्न निर्माणं कुरुत
(i) लुब्धस्थ यशः नश्यति ?
(ii) महतां प्रकृतिः सुस्थिरा भवति ?
4. शब्दरूपाणि लिखत
अस्मद्— पञ्चमी, सप्तमी वि०
मुनि— तृतीया, चतुर्थी वि०
5. धातुरूपाणि लिखत
गम् — लृट् लकार, लङ् लकार
यत् — लृट् लकार, लङ् लकार