



DELHI PUBLIC SCHOOL

SAIL TOWNSHIP RANCHI

WINTER ASSIGNMENT 2017-18

CLASS – VIII

Note: Students are instructed to do all the assignments on A4 size paper.

ENGLISH

1. Amit of 19 – Indira Nagar, Delhi is not happy with the sanitary condition of his locality. He writes a letter to the local Sanitary Inspector of the town to look into the matter and take quick required action to improve the sanitary condition. Write a letter in 150 words. You are Amit.
2. Change the following into Passive Voice :
 - a) The car killed the mouse.
 - b) Manners reveal character.
 - c) Open your book at page 7.
 - d) He was refused admission.
 - e) When will you return the book?
3. Find out participle and gerund from following sentences :
 - a) He was found fighting desperately for his life.
 - b) Hearing the noise, he ran to the window.
 - c) We spent the afternoon in playing cards.
 - d) I enjoy reading poetry.

PHYSICS

1. What are the differences between Myopia and Hypermetropia ?
2. A person is suffering from cataract. What type of problem does he have ? How can it be corrected?
3. What is periscope ? Draw a well labeled diagram of it.
4. What is visual impairment?

CHEMISTRY

1. Write a short note on 'Global Warming'. It must include following facts
 - its cause
 - its harmful effects
 - ways to reduce it.
2. What do you understand by Ganga Action Plan ? Explain in detail.
3. Explain the working of soda acid fire extinguisher with the help of diagram.

BIOLOGY

Write in your own words –

1. What are STEM cells ? Write a short note on the future use of STEM cells in treatment of diseases. (100 words)
2. A woman is having problems in conceiving by the natural method. After various tests, the doctors diagnose that her oviducts are blocked.
What method she should go for to conceive a child? Name the method and explain the procedure.

HISTORY/CIVICS

1. What do you mean by a Pair trial? Mention the important features of a Pair trial.
2. What are the fundamental rights of an arrested person?
3. Write a short note on F.I.R.
4. Explain the contribution of women for women in the early twentieth century.
5. Elucidate Dr. B.R. Abedkar's contribution to reduce caste prejudice in the society.
6. Differentiate between modern schools and old pathshalas.

GEOGRAPHY

Map Practice Book:

Page No. 18 - Use different colours for the following in the World Map.

1. Nomadic herding
2. Livestock
3. Primitive Subsistence
4. Mediterranean Agriculture
5. Commercial grain farming

Page No. 37 - Mark the following on the given India Map.

1. I.T. Industry - Bangalore
2. Steel producing centres - Bhilai, Durgapur, Burnpur, Jamshedpur, Rourkela, Bokaro, Bhadravati, Vijaynagar, Salem, Vishakhapatnam.

MATHEMATICS

1. Show by paper cutting activity all three Algebraic Identities ie.

(i) $(a + b)^2 = a^2 + b^2 + 2ab$

(ii) $(a - b)^2 = a^2 - 2ab + b^2$

(iii) $a^2 - b^2 = (a + b)(a - b)$

2. Find the volume, T.S.A & C.S.A of a solid obtained when a rectangular sheet of dimension 22x14cm. is rotated about its length.
3. If x,y,z are the area of adjacent faces of a cuboid then prove that $v^2 = xyz$
4. If a,b,c,V & S are the length, breadth, height, volume and T.S.A of a cuboid, then

prove that $\frac{1}{v} = \frac{2}{S} \left(\frac{1}{a} + \frac{1}{b} + \frac{1}{c} \right)$.

5. Find the volume, T.S.A and C.S.A of the figure obtained when two cubes of each length 5cm. are joined end to end.
6. The volume of a cubical box is 474.552 cubic metres. Find the length of each side of the box.

विषय - हिंदी

प्रश्न 1. 'बेटी बचा: , बेटी पढ़ाओ' विषय पर दस वाक्य लिखिए।

प्रश्न 2. अपनी उत्तर पुस्तिका में चंद्रशेखर आज़ाद का चित्र चिपकाकर उनके जीवन से संबंधित दस वाक्य लिखिए।

प्रश्न 3. मोहल्ले में बिजली की व्यवस्था ठीक नहीं होने पर किसी दैनिक समाचार पत्र के संपादक को पत्र लिखिए।

प्रश्न 4. अधोलिखित लोकोक्तियों के अर्थ -

(क) आँख का अंधा नाम नयन सुख

(ख) का वर्षा जब कृषि सुखाने

प्रश्न 5. निम्नलिखित श्रुतिसम भिन्नार्थक शब्दों का वाक्यों में प्रयोग करते हुए अर्थ स्पष्ट कीजिए -

(क) गज

(ख) गज

दिल्ली पब्लिक स्कूल, राँची

गृह कार्यक्रम (शीतावकाशे) 2017-2018

कक्षा –अष्टम

विषय – संस्कृतम्

1. सा जलं । (पा)
(क) पिबानि (ख) पिबतु (ग) पिबन्तु
2. जनाः चलचित्राणि । (दृश)
(क) पश्यतम् (ख) पश्याम (ग) पश्यन्तु
3. शिष्यौ गुरुम् । (नम)
(क) नमतु (ख) नमताम् (ग) नमन्तु
4. ताः मातपितरौ । (नम)
(क) नमन्तु (ख) नमानि (ग) नमथ
5. नमः । (सूर्य)
6. स्वस्ति । (प्रजा)
7. स्वाहा । (देव)
8. स्वधा । (पितृ)
9. मत्स्याः तरन्ति । (नदी)
10. इदम् दुग्धम् अस्ति । (लता)
11. कालिदासः श्रेष्ठः । (कवि)
12. प्र + नम् + ल्यप्
13. खाद् + क्षुमुन्
14. नम् + क्त्वा
15. वि + हस् + ल्यप्
16. लभ् (लृट् लकार)
17. पा (विधिलिङ्ग)
18. राजन् (षष्ठी वि०)
19. कवि (द्वितीया)
20. अस्मद् (सप्तमी)