

# D.A.V PUBLIC SCHOOL, S.P. MINES(ECL),CHITRA JHARKHAND

## Summer Vacation Home Assignment

**Sub:- Chemistry**

**Class- VIII**

1. Differentiate between lignite and bituminous coal.
2. What do you mean by destructive distillation of coal?
3. Write two uses of coal gas.
4. Write two main advantage of using natural gas.
5. Define the term ignition temperature. Write it another name also.
6. White phosphorus catches fire of room temperature in summer season. Why?
7. A flame of burning candle goes off when we blow over it strongly. Why?
8. Define the term spontaneous combustion with example.
9. Write any two causes of air pollution
10. Write any two harmful effect of Carbonmonoxide gas.

### **Project work**

- A. With the help of labeled diagram show the different zone of flame.
- B. With the help of an activity show that the middle zone of flame contains unburnt carbon particles.

## **SUBJECT - PHYSICS**

- 1) Define force, pressure, thrust.
- 2) What are the effects of force ?
- 3) Define & explain balanced & unbalanced force.
- 4) Define friction, static & sliding friction.
- 5) How is friction a necessary evil ?
- 6) Explain the variation of frictional force with applied force using graph.
- 7) Write the properties of liquid pressure.
- 8) Explain the variation of atmospheric pressure.

P.K.Sah-Phy:VIII

## **SUB:- SOCIAL STUDIES**

### **Civics**

1. Write the preamble of Indian Constitution.
2. Identity any three provisions which make the Constitution of India rigid as well a flexible.
3. Explain the procedures of amending the Indian Constitution.
4. Describe any five salient features of the Indian Constitution.
5. India is a sovereign, socialist, secular, democratic republic. Explain

### **Enrichment- Map Skill**

On an outline political map of the world, locate the following Countries from whom India adopted various features of our Constitution:-

- (a) United kingdom (UK)
- (b) United States of America(USA)
- (c) Canada
- (d) Russia (part of erst while USSR)
- (e) Ireland

## Subject - History

FM\_20

Q1) Why did European trading companies set-up trade centres in coastal areas? (3)

Q2) The battle of Buxar was a turning point in India. Give argument to support the statement. (3)

Q3) Highlight the main features of Mahalwari system. (4)

Q4) Explain any five revolts by the tribals against the British.(5)

Match the following (5)

- |  |                    |
|--|--------------------|
| a) Amrita Bazar Patrika                  | 1) BalGadhar Tilak |
| b) My experiment with Truth              | 2) 1858            |
| c) Simon CommissionReport                | 3) Bengal          |
| d) Transfer of powerto the British Crown | 4) 1929            |
| e) Freedom is our birth right            | 5) Mahatma Gandhi  |

### **Project work.**

(5)

In a chart paper make a comparative table of various Land Reforms Revenue Systems introduced by the East India Company in India.

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## SUBJECT - Geography

Class-VIII

FM-20

(1 mark question)

Q.1 What are potential and actual resources? Define.

Q.2 Write the uses of land resources.

Q.3 What do you mean by surface water?

Q.4 Define terrace farming.

Q.5 What are river valley projects? Name any two projects.

( 2 marks question)

Q.6 How does river get polluted?

Q.7 Make a diagram of the Hydrological Cycle.

Q.8 Mention the areas of high and low rainfall in the world.

Q.9 Explain the amount(%) of water in\_ different farms.

Q. 1 a Distinguish between Renewable and Non renewable resources

(2.5 marks question)

Q. 1 1 On what factors does the utilization of resources depend upon?

Q.12 Explain all the soil conservation methods.

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# SUBJECT - HINDI

निम्नलिखित प्रश्नों के उत्तर दें:-

१. गाँव वाले दारा का सम्मान क्यों करते थे ?
२. दारा अपने बक्से में क्या रखता था और क्यों ?
३. ईश्या करना उचित है या अनुचित ? क्यों ?
४. मनुष्य को जीवन में सुख के साथ कठिन परिस्थितियों का सामना भी करना पड़ता है । ऐसी कठिन परिस्थितियों मनुष्य को क्या करना चाहिए ?
५. गाँधी जी ने सिला हुआ कपड़ा पहनना क्यों छोड़ दिया ?
६. किन्हीं पचास(५०) मुहावरों को लिखकर उनके अर्थ लिखें और याद करें ।
७. किन्हीं पचास(५०) शब्दों के तीन - तीन पर्यायवाची शब्द लिखें ।
८. किसी 'एक' विषय पर निबंध लिखें ।  
(क) प्रिय खेल या खेल का महत्व  
(ख) पर्यावरण एवं प्रदूषण,  
(ग) आर्दश व्यक्ति ।

## परियोजना कार्य

निम्नलिखित में से 'एक' परियोजना कार्य तैयार करें । (सुंदर एवं आकर्षक ढंग से ) -

(क) नदियों में बढ़ता प्रदूषण : - कारण एवं निवारण (चित्र सहित अभिलेख)

(ख) अपने खेल से संबंधित खिलाड़ियों की सूची चित्र सहित तैयार कीजिए ।

(ग) कैलेंडर तैयार कीजिए जिसमें आकर्षक चार्ट के रूप में - दस विभिन्न उपसर्गों एवं प्रत्तयों से दस-दस शब्द बनाए गए हो ।

## Sub:- Maths

1. Write first five triangular numbers.
2. Is 5,7,9, a Pythagorean triplets?
3. The cube of positive numbers is always positive (yes/no).
4. Cube of 0.1 is \_\_\_\_\_
5. How many non-square number lie between the  $205^2$  and  $206^2$ .
6. Write a Pythagorean triplet 17 one number is 11.
7. Evaluate:-  $\sqrt[3]{288\sqrt[3]{72\sqrt[3]{27}}}$
8. A train 270 m long is running at 80 km/h . how much time will it take to cross a platform 130 m long.
9. Estimate the value of  $\sqrt{1000}$  nearest to one decimal place.
10. Prove that if a number is tripled , then its cube is 27 times the cube of the given number.

## Project Work

1. Explore triangular numbers using dot patterns.

class - 8th  
Sub: - Sanskrit

Holiday Home Assignment  
Summer Vacation

1. पाठ 1 से पाँच श्लोकों को लिखें और  
भाव दें। (15)

2. मञ्जूषाया प्रदत्तपदैः रिक्तस्थानानि पूर्यन्तु -

(i) सप्त सुरिणः	।	गच्छन्तु
(ii) अधमाः क्षणम्	।	इच्छन्ति
(iii) सत्यशक्तिः पुंसो किं न	।	प्रकटयति
(iv) लक्ष्मीः यद्येव	।	भवन्तु
(v) सन्मित्रं गुणान्	।	करोति

(3.) श्लेषां प्रश्नानाम् उत्तराणि पूर्णवाक्येन  
लिखन्तु -

- (i) चित्रं का प्रसादयति ?
- (ii) मध्यमाः जनाः किम् इच्छन्ति ?
- (iii) वर्षाकालात् अनन्तरं किम् अभवत् ?
- (iv) जनाः नद्याः जले किं क्षिपन्ति ?
- (v) लक्ष्मिणः यात्री किम् अकथयत् ?

Project

1. क्वा एवं लघु पुस्तक का प्रयोग कर  
10-10 शब्दों का निर्माण करें। (चार्ट पेपर)

Kaushik  
31.05.2020