

(Fri) 22/5/20 CL-X

EVS, CH-7 Topic (Electricity in Demand)

Home Assignment.....

- 1) Is demand for electricity increasing?
- 2) Which country uses more electricity?
- 3) What is electricity mostly used for?
- 4) How is electricity mostly used for?
- 5) How is electricity helpful to us?

.....(To be continued next class....)

(୧୨)

- * "ହ-ମା ମାୟାବତୀ ଯା ଚାଲେ ଚିତ୍ତ"।
- i) ଯେ ଚାଲେ ତେଣୁ ତେଣୁ ଚାଲି ଯାଏ (ଅର୍ଥାତ୍)
- ii) (କେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ)
- iii) ଯେ ଚାଲେ ତେଣୁ ଚାଲି ଯାଏ
- iv) ଏହାକୁ ଯେ (କେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ) ତେଣୁ ଚାଲି ଯାଏ

(କ୍ରମେ)

- i) ଚିତ୍ତଚିନ୍ତା ଶାସ୍ତ୍ରାବଲୋକନ ଯେଉଁ ଶ୍ରୀମତୀ ମାୟାବତୀ ଲେଖିଛନ୍ତି -
 ଏହା ଯେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ।
- ii) ଯେଉଁ ଶ୍ରୀମତୀ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ -
 ଏହା ଯେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ।
- iii) ଯେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ -
 ଏହା ଯେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ।
- iv) ଯେଉଁ ଶ୍ରୀମତୀ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ -
 ଏହା ଯେଉଁ ମାୟାବତୀ ଯାଏ ତେଣୁ ଚାଲି ଯାଏ।

ASSIGNMENT

1. What do you understand by the term acid and bases
2. What is hydronium ion. Show the ionisation of sulphuric acid
3. Water is never added to acid in order to dilute it. why
4. Give the Basicity of phosphoric acid, nitric acid. Explain the term Basicity with the given acids.
5. Give 2 example of: oxyacid. Hydracid. Monobasic acid'
6. Name the acid present in vinegar, grapes, lemon
7. Name the ion that turns red litmus blue
8. What do you understand by the term "acetic acid is monobasic acid'
9. How many salts does dibasic acid produce when it reacts with caustic soda solution. Give equation
10. Carbonic acid gives an acid salt but HCl does not. Why
11. Dil HCl is stronger than conc. acetic acid. why
12. How is an acid prepared from 1) nonmetal. 2) salt. Give equation
13. Give difference between base and alkali
14. Name the ions furnished by bases in solution
15. Dry HCl gas does not change the colour of dry litmus paper. Why
16. How would you like to obtain an alkali from base
17. The skin has natural oils. Why is it advisable to wear gloves while working with strong alkalis
18. State one advantage of using pH paper for measuring pH of a solution
19. Distinguish between common acid base indicator and universal indicator
20. How does tooth enamel gets damaged.
21. What kind of salt is prepared by direct combination. Give an equation
22. Name 2 salts which are acidic, basic and neutral when dissolved in water.

Class X

22.05.2020

History&civics

Revision

Answer the following questions which was discussed previously

1. What is Doctrine of Lapse?
2. Mention any two social evils that existed in India during 19th century.
3. Who was Nana saheb? What was his main grievance against British?
4. Who was the first viceroy of India under the act of 1858?
5. What was General Service Enlistment Act?
6. What is Nationalism?
7. When and by whom Satya Shodhak Samaj was founded?
8. Mention three objectives of Indian National Congress.
9. Explain the immediate cause of the First World War.
10. Name the countries which formed rival blocs in Europe before world war I.
11. Mention two objectives of the League of Nations.
12. Mention any 5 functions of the Speaker.
13. What is quorum?
14. Explain the composition of the the Lok Sabha and Rajya Sabha.
15. What is Question Hour?
16. What are the three constituents of the Indian Parliament?
17. Name the Bill which can not be introduced in Rajya Sabha.
18. Who is the chief executive Head in India.

19. Explain any four executive powers of the President.
20. Explain any three judicial powers of the President.
21. Who is the ex officio chairman of the Rajya Sabha?
22. What is meant by the term Ordinance?
23. Who settles disputes in connection with the election of the President and Vice President?
24. Who administers the oath of office to the President?
25. On what ground President can be impeached?

Mathematics

Class-X

Ratio and Proportion

Date:-22.05.20

Question 1

Find the value of x in the following proportions :

(i) $10 : 35 = x : 42$

(ii) $3 : x = 24 : 2$

(iii) $2.5 : 1.5 = x : 3$

(iv) $x : 50 :: 3 : 2$

Answer 1

(i) $10 : 35 = x : 42$

$$\Rightarrow 35 \times x = 10 \times 42$$

$$\therefore x = \frac{10 \times 42}{35} = 2 \times 6 = 12$$

(ii) $3 : x = 24 : 2$

$$\Rightarrow x \times 24 = 3 \times 2$$

$$\therefore x = \frac{3 \times 2}{24} = \frac{1}{4}$$

(iii) $2.5 : 1.5 = x : 3$

$$\Rightarrow 1.5 \times x = 2.5 \times 3$$

$$x = \frac{2.5 \times 3}{1.5} = 5.0$$

(iv) $x : 50 :: 3 : 2$

$$\Rightarrow x \times 2 = 50 \times 3$$

$$x = \frac{50 \times 3}{2} = 75$$

Question 2

Find the fourth proportional to

(i) 3, 12, 15

(ii) $\frac{1}{3}, \frac{1}{4}, \frac{1}{5}$

(iii) 1.5, 2.5, 4.5

(iv) 9.6 kg, 7.2 kg, 28.8 kg

Answer 2

(i) Let fourth proportional to 3, 12, 15 be x .

then $3 : 12 :: 15 : x$

$$\Rightarrow 3 \times x = 12 \times 15$$

$$x = \frac{12 \times 15}{3} = 60$$

(ii) Let fourth proportional to $\frac{1}{3}, \frac{1}{4}, \frac{1}{5}$ be x

then $\frac{1}{3} : \frac{1}{4} :: \frac{1}{5} : x$

$$\Rightarrow \frac{1}{3} \times x = \frac{1}{4} \times \frac{1}{5}$$

$$\Rightarrow x = \frac{1}{4} \times \frac{1}{5} \times \frac{3}{1} = \frac{3}{20}$$

(iii) Let fourth proportional to

1.5, 2.5, 4.5 be x

then $1.5 : 2.5 :: 4.5 : x$

$$\therefore 1.5 \times x = 2.5 \times 4.5$$

$$x = \frac{2.5 \times 4.5}{1.5} = 7.5$$

(iv) Let fourth proportional to 9.6 kg, 7.2 kg, 28.8 kg be x

then $9.6 : 7.2 :: 28.8 : x$

$$\Rightarrow 9.6 \times x = 7.2 \times 28.8$$

$$x = \frac{7.2 \times 28.8}{9.6} = 21.6$$

HOME WORK-

Q1.

Find the third proportional to

(i) 5, 10

(ii) 0.24, 0.6

(iii) Rs. 3, Rs. 12

(iv) $5\frac{1}{4}$ and 7.

Q2.

Find the mean proportion of:

(i) 5 and 80

(ii) $\frac{1}{12}$ and $\frac{1}{75}$

(iii) 8.1 and 2.5

(iv) $(a - b)$ and $(a^3 - a^2b)$, $a > b$

DREAMLAND SCHOOL
CLASS 10
ENGLISH LANGUAGE
HOME ASSIGNMENT 16

Date- 22-5-2020

1. Write a letter to your father, who is stuck in a foreign country, assuring him the fact that you are taking good care of your family, explain to him the things which are being done by you to look after your family.
2. Join the following sentences without using *and, but, so*
 - I. He was a timid fellow. He was not afraid of the giant.
 - II. Porus fought bravely. He finally yielded to Alexander.
 - III. You will find a boy wearing a red coat. The boy is my brother.
 - IV. I have known him for a long time. I have not understood him truly.
 - V. He does not like to car. He bought it anyway.
 - VI. The cinema tickets were sold out. He watched a movie on the T. V.
 - VII. We went to the shopping mall. We only went window shopping
 - VIII. I spent all my saving. I can go to France.
 - IX. Michel did not like to read. She was not very good at it.
 - X. He handed in his homework to the teacher. He forgot to attach the last page.

