IF POSSIBLE, PLEASE USE NEW NOTEBOOKS FOR ALL THE SUBJECTS
NOTEBOOKS(SOFT COVER SINGLE LINE REGISTERS 180 PGS)
Assignment-2 for duration 01 May 2020 to 15 May 2020
DOWNLOAD BOOKLIST FOR 2020-21
Assignment-3 will be uploaded on 15 May 2020

CLASS - XI
SUBJECT -ENGLISH

Read chapter-01; Life Processes. Answer the following;

1. Every year there are floods or droughts in the country. Victims suffer a lot. The government does a lot to help the people, but it is not enough. Society also must do its bit. Write a speech in 150-180 words to be delivered in the morning assembly describing how the students can also help by collecting clothes, money and medicines from their neighbourhoods.

2. 'Rain harvesting is the only solution to water crisis in the present times'. Do you agree with it? Write your views in 150-180 words.

3. Rising prices of essential commodities make life difficult for the common man. Describe the causes and possible solutions for this problem. How can you help your parents to cope with the problem?(150-180 words).

4. Wearing the school uniform gives the student an identity, pride and a feeling of discipline.Write in 150-180 words on 'Importance Of Wearing a Uniform in School'.

5. Regular practice of yoga is useful in maintaining good health. It is also important for good concentration and peace of mind. Write a speech in 150-180 words to be delivered in the morning assembly of your school highlighting the impact of yoga in our life.

6. Read English Newspaper every day. Listen to the English news. Note down difficult words to enrich your vocabulary.

SUBJECT - CHEMISTRY
CLASS - 11

Q1 What is the common name of the compound $CaOCl^2$?

Ans- refer page no. 30 of class 10 Science NCERTtext book.

Q2 Name the substance which on treatment with chlorine yields bleaching powder.

Ans- refer page no. 30 of class 10 Science NCERTbook.

Q3 Name the sodium compound which is used for softening of hard water.

Ans- page no 31-32

Q4 What will happen if a solution of sodium hydrogencarbonate is heated? Give the equation of the reaction involved.

Ans- page no. 31

Q5 Write an equation to show the reaction between plaster of paris and water.

Ans- page no 32

Q6 Give two important uses of washing soda and baking soda.

Ans- page no. 31-32

Q7 While diluting an acid, why is it recommended that the acid should be added to water and not water to acid?

Ans page no. 24

Q8 Write the chemical formula and chemical name of washing soda.

Ans- page no. 31

Q9 Which gas is usually liberated when acid reacts with a metal?

Ans- page no.19-20

Q10 What effect does the concentration of hydrogen ions have on the nature of solution?

Ans- page no.25

CLASS-11
PHYSICS

Refer class 10th Science NCERT textbook.

Answer the following.

Q1. Difference between reflection and refraction.

Q2. Difference between real and virtual images.

Q3. Difference between conversing and diversing mirrors.

Q4. Difference between lens and mirror.

Q5. What is a prism?

Q6. Define magnification.

Q7. What is power of accommodation?

Q8. Difference between lens formula and mirror formula.

Q9. Characteristics of images by a plane mirror.

Q10. Uses of convex mirror.

BIOLOGY
CLASS- 11

Reference can be taken from class 10 book. Available on NCERT app.

Answer the following questions:

1. In your own words write, what would happen if all the plants disappear from the earth?

2. What are the components of blood? Write the main functions of blood in our body.

3. Write a note on the importance of ozone layer. What are the effects of ozone depletion?

4. What is pollution? What are the different types of pollution?(ex: air, water, noise pollution)

5. What are natural resources? Why do we need to manage our resources? (Refer chap-16)

6. What is global warming? Write down the causes of global warming.

ASSIGNMENT NO 2

SUB: MATHS

CLASS : 11

Solve the following questions:

Q1. Prove the following identities :

1. $(\sec \Phi + \text{cosec } \Phi)(\sin \Phi + \cos \Phi) = 2 + \sec \Phi \cdot \text{cosec } \Phi$
2. $\sin \Phi / (1 - \cos \Phi) = \text{cosec } \Phi + \cot \Phi$
3. $\sqrt{(1 + \cos \Phi)} / \sqrt{(1 - \cos \Phi)} = \text{cosec } \Phi + \cot \Phi$
4. $(1 + \tan \Phi + \sec \Phi)(1 + \cot \Phi - \text{cosec } \Phi) = 2$
5. $(\sec \Phi - \tan \Phi)^2 (1 + \sin \Phi) = 1 - \sin \Phi$

Q2. Evaluate the following :

I. $\cos 30^0 \cos 45^0 - \sin 30^0 \sin 45^0$

II. $4 \cos^2 45^0 - \sec^2 60^0 + \sin^2 60^0 + \cos^2 90^0$

III. $2(\cos^2 30^0 - \sin^2 45^0) - 3(\sin^2 60^0 - \sec^2 45^0) + \cot^2 30^0 / 4$

Q3.   1.)If $A = 60^0$ and $B = 30^0$, verify that $\cos(A - B) = \cos A \cos B + \sin A \sin B$

        2.) If $x = 30^0$, verify that $\tan x = \sin x / (\sqrt{1 - \sin^2 x})$

Q4. The volume of a cylinder is 448π cm^3 and height 7 cm. Find its curved surface area and total surface area.

Q5. The surface area of a sphere is 5544 sq.cm then find its volume. (use $\pi = 22/7$)

Q6. The volume of a right circular cylinder is 1100 cu. cm and height is 14 cm find its curved surface area.

Q7. A coin is tossed twice. Find the probability of getting (I) two heads, (II) at least one head, (III) no head.

Q8. Two dice are thrown once. Find the probability of getting (I) a total of 5 on two dice. (II) a total of 8 on two dice. (III) the sum of two dice is multiple of 3.

Q9. The sum of 4th and 8th terms of an A. P is 24 and the sum of 6th and 10th terms is 44. Find A. P.

Q10 . Find the sum of all even integers between 101 and 999.

PHYSICAL EDUCATION
CLASS-11

(Chapter2)

NOTE: Read chapter 2 from your PDF file in study material and answer the following.

Q.1-Write a short note on the origin of Para Olympic Games?

Q.2-Describe the objectives of CBSE sports?

Q.3-What is Olympic motto?

Q.4-Describe the formation and objectives of Olympic association?

Q.5-Write down in detail about international Olympic committee?

Q.6-Give the importance function of international Olympic association?

Q.7-Write a short note on special Olympic and Olympic symbols?

Dear students try to communicate with your family in English with short sentences like: Can I help you/Thank you/ Please give me …/I am hungry/I am feeling sleepy/Can I watch TV/ Good morning/Good evening/ Good night. Be obedient, helpful and kind. Help your parents with housework. Keep your surroundings clean

DO THE COMPLETE CYCLE OF SURYA NAMASKAR AT LEAST 10 TIMES A DAY

SURYA NAMASKARA