IF POSSIBLE, PLEASE USE NEW NOTEBOOKS FOR ALL THE SUBJECTS
NOTEBOOKS(SOFT COVER SINGLE LINE REGISTERS 140 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 - IX
SUBJECT - CHEMISTRY

ASSIGNMENT-2

CHAPTER - 1

1-How does the water kept in an earthen pot (matka) become cool during summer? (Page no.-10)

2- Give reason why a gas fills completely the vessel in which it is kept. (Page no.- 6)

3- Liquids generally have lower density as compared to solids. But you must have observed that ice floats on water.Find out why. (Page no.-6)

4- What is the physical state of water at : (Page no.- 9)

   a) 250°C

   b) 100°C

5- For any substance, why does the temperature remain constant during the change of state? (Page no.-9)

6- Give reason why water at room temperature is a liquid. (Page no.-12 Q-6)

7- Give reason why an iron almirah is a solid at room temperature. (Page no. -12)

8- Write down the units of the following measurable quantities :

   a) Temperature

   b) Length

   c) Mass

   d) Weight

   e) Volume

   f) Density

   g) Pressure

9- Give reason why a wooden table should be called a solid. (Page no.- 6)

10 - Read activity 1.13 and draw fig.1.7: Sublimation of ammonium chloride (Page no.- 8)

TOPIC- POLYNOMIAL

Ques1: Do example 9 of NCERT[Page-12]

Ques2:Express the following in form of p/q.

1) 0.66666.... 2)0.474747....

Ques3: Rationalise: 1/2+√3

Ques4: Do example 21 of NCERT [page-26]

Ques5: Write down all Algebraic identities as given in chapter 2 of NCERT MATHS.

Ques6: Do example 2 of page-32 NCERT

QUES7: Do example 7 of page-38 NCERT

Ques8: See video related to polynomial in DIKSHA app

Ques9: Do example 3 of NCERT [page-33]

Ques10: Find the value of the polynomial

P(x)=(x-1)(x+1);

At: 1) x=-1,   2) x=0,   3) x=2.

CLASS IX
ENGLISH

BEEHIVE-The Sound Of Music

Evelyn Glennie

This girl lost her hearing at the age of eight. She was determined to lead a normal life. One day she saw a girl playing xylophone. She too decided to play it. Ron Forbes recognised her talent in it. He told her to listen it not through ears but sense it some other way. She could sense certain notes in different parts of her body. She could open her mind and body to different sounds.

She decided to make music her life. She auditioned for the Royal Academy of Music in London by playing the xylophone. She scored the highest in its history. She moved to solo performances. She got most of the top awards.

She says that if one knows one's goal, one can get it. She has mastery over 1000 instruments.

THE SHEHNAI OF BISMILLAH KHAN

Bismillah Khan was born on March 21, 1916 in a family of musicians in Bihar.At the age of three he was attracted towards his uncle's practice of the shehnai in Benaras. Soon he started practicing the playing of the instrument. The flowing waters of the Ganga inspired him to invent new ragas.

At the age of 14 he went with his uncle to the Allahabad Music conference. On the opening of the All India Radio in Lucknow in 1938, he became a shehnai player there.

He was the first Indian to greet the nation with his shehnai on August 15, 1947. He played Raag Kafi from Red Fort to people like Mahatama Gandhi and Pandit Jawahar Lal Nehru.

He gave many memorable performances in India and abroad. His contribution in film industry is only in two movies----Vijay Bhatt's 'GunjUthishahnai' and Vikram Srinivas's Kannada film 'SanadhiApanna'.His Hindi song 'Dil ka khilonahai toot gaya' became a record breaker.

In 2001 he was awarded India's highest civilian award the 'Bharat Ratna'. At this he said, "Teach your children music. This is Hindustan's richest tradition : even the West is now coming to learn our music".

QUESTION:

1.You have read about two musicians, Evelyn Glennie and Ustad Bismillah Khan. Do you think that they both worked hard? Where did they want to go?Answer in two paragraphs , one on each of the two musicians.

2. How do you help your parents during lockdown period? Write in 120 -150 words.

Biology
Class- 9

Read chapter- 01; The fundamental unit of life, from the NCERT app. Answer the following questions:

1. Write the three basic features present in a cell. (refer page- 59)

2. Write a short note on the function of plasma membrane or cell membrane.(refer page- 59)

3. Define:

   a. Osmosis.

   b. Hypotonic solution.

   c. Isotonic solution.

   d. Hypertonic solution.

(Refer pg; 60)

4. Name the organelle known as 'the brain of the cell'.

5. Write short notes on:

   a. Cell wall.

   b. Nucleus.

   c. Cytoplasm.

   d. Endoplasmic reticulum.

e. Golgi apparatus.

f. Lysosomes.

g. Mitochondria.

h. Plastids.

i. Vacuoles.

(Refer pg: 61,62,63,64,65)

Class-9
Science (Physics)

Topic-Motion

1. (a) Identify the kind of motion in the following cases:

   (i) A car moving with constant speed turning around a curve.

   (ii) An electron orbiting around nucleus.

   (b) An artificial satellite moving in a circular orbit.

2. (a) Define average speed.

   (b) A bus travels a distance of 120 km with a speed of 40 km/h and returns with a speed of 30 km/h. Calculate the average speed for the entire journey.

3. Define uniform and non-uniform motion. Write one example for each.

4. What does the odometer of an automobile measure? Which of the following is moving faster? Justify your answer.

   (i) A scooter moving with a speed of 300 m per minute.

   (ii) A car moving with a speed of 36 km per hour.

Note:- Solve the above questions from study material given. Click on the link for study material given on the assignment page.

Class:9
Sub:S.Sc(Economics)

Chapter 1 and 2

*Dear students watch the videos in DIKSHAAPP and attempt the following questions.

Q1- What are the various activities undertaken in the primary sector, secondary sector and tertiary sector?

Q2-What is the role of education in human capital formation?

Q3- What are the different ways of increasing production on the same piece of land?Use examples to explain.

Q4-What is difference between economic activities and non-economic activities?

Q5- What do you understand by' people as resources '?

Q6-What can be done so that more non-farm production activities can be started in villages?

Q7- How do medium and large farmers obtain capital for farming? How is it different from the small farmers?

Q8-How did the spread of electricity help farmers in Palampur?

Q9- Define the term Unemployment.

Q10-Differentiate between disguised unemployment and seasonal unemployment.

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कक्षा – ९
विषय - हिंदी

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(पाठ - २ ल्हासा की ओर)

प्रश्न - १ पाठ ल्हासा की ओर पढ़िये व शब्दार्थ याद करके लिखिये ।

प्रश्न - २ यात्रा वृतांत के आधार पर तिब्बत की भौगोलिक स्थिति का शब्द चित्र प्रस्तुत करें । वहाँ की स्थिति आपके राज्य से किस प्रकार भिन्न है ?

प्रश्न - ३ यह यात्रा राहुल जी ने १९३० में की थी । आज के समय यदि तिब्बत की यात्रा की जाय तो राहुल जी की यात्रा से कैसे भिन्न होगी ?

प्रश्न - ४ उस समय के तिब्बत में हथियार का कानून न रहने के कारण यात्रियों को किस प्रकार का भय बना रहता था ?

व्याकरण

प्रश्न - १ पूर्व ज्ञान के आधार पर दिए गए उपसर्गों व प्रत्ययों से तीन - तीन सार्थक शब्द बनाएं ।

उपसर्ग - अ,अति, अन्न, अध, अप, अभि, प्र, प्रति, स, सु, नि, निर, कु, ति

प्रत्यय - अ, अक, आऊ, हार, ना, नी, आई, आव, इया, आनी, पन, याँ, आईन, खाना

पत्र - लेखन

प्रश्न - १ बैंक में बचत खाता खुलवाने के लिये बैंक प्रबंधक को पत्र लिखिये ।

प्रश्न - २ मित्र को परीक्षा में सफलता के लिये बधाई पत्र लिखिए ।

प्रश्न - ३ मेरी यात्रा विषय पर एक लघु कथा लिखिये ।

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