DAV PUBLIC SCHOOL, IFFCO, PARADEEP
SUMMER HOLIDAY HOMEWORK, 2021-22
STD- X

SL. NO	SUBJECT	H.W DETAILS
1	English	Q.1. Write a self-composed poem / article for school magazine. Q.2. Watch the news daily and write five positive news in a separate notebook. Q.3. Read at least 5 short stories of Ruskin Bond and write a review on them. Q.4. Prepare a tense chart and write 100 verbs along with their V2 and V3 forms. Q.5. Make a diary entry of your daily activities in 50 words everyday. Q.6. Read all the lessons taught for a test after the summer break
2	Hindi	(1)निम्नलिखित प्रश्नों के बहुविकल्पों में से सही विकल्प को चुनिए: (क) 'मन का आपा खोना'का आशय है : (i)अपनत्व खोना (ii)स्वयं डूब जाना (iii)अहंकार खोना (iv)लीन होना (ख)कवि किस वाणी का समर्थन करता है : (i)जो औरों को सुख दें (ii)जो सबको सुख दें (iii)जो स्वयं को सुख दे (iv)जो खरी-खरी सुनाए (ग) 'कस्तूरी'किसे कहते हैं ? (i)शांति को (ii)सुगंध (iii)सुगधित द्रव्य (iv)आनंद (घ)कस्तूरी कहाँ बसती है ? (i)जंगल में (ii)मनुष्य की नाभि में (iii)मानव के मन में (iv)मृग की नाभि में (ङ) 'कस्तूरी'किसका प्रतीक है ? (i)आनंद की (ii)परमात्मा की (iii)आत्मा की (iv)संतोष की (च)मृग किसका प्रतीक है ? (i)अज्ञानी जीव की (ii)आध्यात्मिक जीव की (iii)भक्त का (iv)भ्रष्ट व्यक्ति का (छ)अँधियारा मिटने का आशय है : (i)अज्ञान नष्ट हो गया (ii)प्रकाश हो गया (iii)दुःख दूर हो गया (iv)सुख मिल गए (ज)कबीर दुखिया क्यों हैं ? (i)सुखों के अभाव में (ii)नींद न आने के कारण (iii)परमात्मा के अभाव में (iv)परमात्मा के वियोग में

		(झ) 'मंत्र न लागै कोइ'का आशय है :
		(i)कोई पूजा काम नहीं आती (ii)कोई शक्ति काम नहीं आती (iii)कोई उपाय काम नहीं आता (iv)अंधविश्वास बेकार है
		(ञ) 'राम-वियोगी ना जिवै'का आशय है :
		(i)राम के विरह में तड़पने वाला मनुष्य मर जाता हाई (ii)राम के विरह में तड़पने वाला मनुष्य सांसारिक आनंद नहीं ले पाटा है (iii)लोग राम-विरही के दुश्मन हो जाते हैं (iv)राम-विरही आत्मघात कर लेता है
		(2) निम्नलिखित विषयों पर 80-100 शब्दों में संकेत बिंदुओं के आधार पर अनुच्छेद लिखिए :
		(क) **सम्मानपूर्वक जीना ही जीना है :**
		संकेत बिंदु :आधुनिक युग में धन का बढ़ता महत्व,धन जीवन नहीं है,धन से अधिक महत्वपूर्ण है मान सम्मान
		(ख)**प्रकृति की रक्षा,मानव की सुरक्षा:**
		मनुष्यप्रकृति का अंग,प्रकृति से खिलवाड़,बढ़ता प्रदूषण,प्रकृति की रक्षा मानव-जाति का कर्तव्य
3	**Odia**	1) କବି ଗଙ୍ଗାଧର ମେହେରଙ୍କ ଜୀବନ କାହାଣୀ ଉପରେ ଏକ କ୍ଷୁଦ୍ର ଭାଷଣ ଲେଖ୍ ତାହାର ଏକ ଭିଡିଓ ପ୍ରସ୍ତୁତ କର ।
		2) ଦିଆଯାଇଥିବା 30 ଟି ବାକ୍ୟକୁ ଜଟିଳ ଓ ଯୌଗିକ ରୂପରେ ପରିବର୍ତ୍ତନ କର ।
		3) ' ଭୀମଙ୍କ ସିଂହ ନାଦ ରଡି ' ଓ ଜନ୍ମ ଭୂମି ' ବିଷୟରୁ 15 ଟି କରି ବହୁ ବିକଳ୍ପିତ ପ୍ରଶ୍ନ ତିଆରି କରି ଉତ୍ତର ସହ ଲେଖ ।
		4) ' ଭୀମଙ୍କ ସିଂହ ନାଦ ରଡି ' ଓ ଜନ୍ମ ଭୂମି ' ବିଷୟର ମାନମାନଚିତ୍ର (MIND MAPING) ପ୍ରସ୍ତୁତ କର ।
		'ଦେଶପ୍ରେମ ' – ରଚନା ଲେଖ ।
4	**Sanskrit**	1. " शुचि पर्यावरणम् " इति पद्यस्य सस्वर-आवृत्तेः Video निर्माणम्।(With School Uniform)
		2. पर्यावरण- प्रदूषणस्य कारणानि निराकरणं च PPT माध्यमेन दर्शयत।
		3. प्रदूषणरहितम् ग्राम्यपरिवेशम् चित्रमाध्यमेन उपस्थापयत ।
		4. मतुप्- ठक्- प्रत्यययोः प्रत्येकं दश - दशोदाहरणानि गृहकार्यपुस्तिकायां लिखत।
		5. टाप्- डीप् - प्रत्यययोः प्रत्येकं दश - दशोदाहरणानि गृहकार्यपुस्तिकायां लिखत।
		6 वर्गस्य तृतीयः तथा पञ्चमवर्णयोः आदेशः, उत्व तथा रत्व सन्धिनाम् प्रत्येकं दश - दशोदाहरणानि लिखत ।

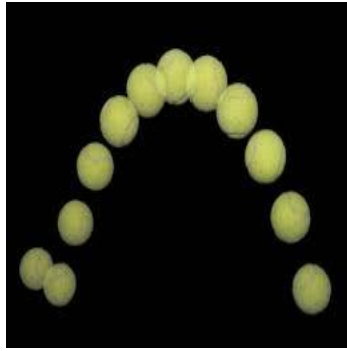|		

5	**Maths**	❖ Do NCERT EXEMPLAR PROBLEMS of **ch-1** and **ch-2** in Exemplar problem copy.
		❖ Complete all the CWs and HWs of NCERT text book exercises.
		❖ Activity-1: To draw the graph of a linear polynomial, a quadratic polynomial and a cubic polynomial and to find the zeros from the graph.
		*Activity to be done in mathematics Lab notebook.
		❖ **MCQ - ASSERTION AND REASONING TYPE (Do in HW copy)**
		
		Each question consists of two statements, namely statement-I (Assertion) and statement-II (Reason). For selecting the correct answer, use the following code.
		
		(a) **Statement I and statement-II both are true and statement-II is the correct explanation of statement-I.**
		(b) **Statement I and statement-II both are true but statement-II is not the correct explanation of statement-I.**
		(c) **Statement-I is true, but Statement-II is false.**
		(d) **Statement-I is false, but Statement-II is true.**
		
		1. **Statement-I :** $\sqrt{8}$ is an irrational number.
		   Statement-II : If m is a natural number which is not a perfect square, then $\sqrt{m}$ is irrational.
		
		2. **Statement-I :** The polynomial $p(x)=x^2 - x$ has one real zero.
		   Statement-II : A Polynomial of degree n has at most n zeros.
		
		3. **Statement-I:** $0.3\bar{5}$ is a rational number.
		   Statement-II: Decimal representation of an irrational number is non-terminating, non –recurring.
		
		4. **Statement-I :** A quadratic polynomial having 4 and –2 as zeros is $x^2 - 2x - 8$.
		   Statement-II : A quadratic polynomial having α and β as zeros is $x^2 - (\alpha + \beta)x - \alpha\beta$.
		
		❖ **CASE STUDY QUESTIONS (Do in HW copy)**
		
		CASE STUDY-I:

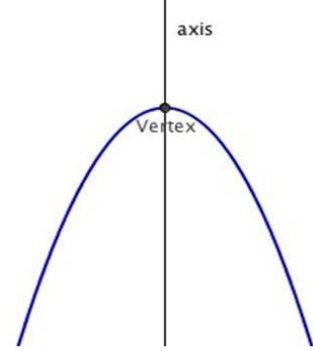Figure-1   Figure-2

Figure-3

When a tennis player hits a ball the ball moves up to a certain height , then it comes down. The path of tennis ball is shown in figure-1 and figure-2.This path is parabolic in shape.If we plot a graph by taking time in x-axis and height of ball in y-axis, we get a parabolic graph.

A parabola is the graph that results from $p(x)=ax^2+bx+c$

Based on your understanding of the above case study, answer all the five questions below:

i)Graph of a quadratic polynomial is a

   a) straight line   b) circle   c)parabola   d)ellipse

ii) If the path of the tennis ball is represented graphically, the number of zeros of a polynomial p(x) is equal to the number of points where the graph of the polynomial   intersect

      a) Origin   b) x-axis   c) y-axis   d)none of these

iii) The Zeros of the polynomial $P(x) = x^2 - x - 6$ are _____

   a) -3 b) 3 and -2

   c) -3 and 2   d) None of the above

iv) The quadratic polynomial whose sum of the zeroes is 0 and product of

   zeros is -1, is _____

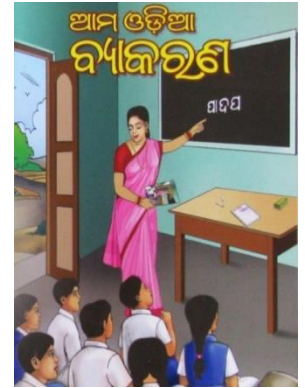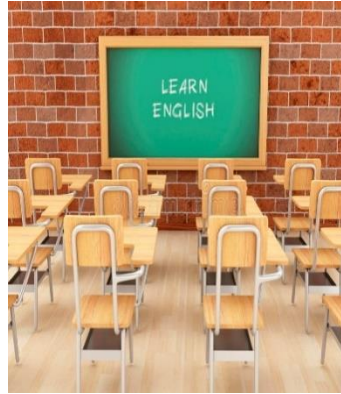   a)$P(x) = x^2 - 1$ b) $P(x) = x^2 + 1$

   c) $P(x) = x^2$ d) $P(x) =$ None of the above

v) The number of zeroes that polynomial f(x) = $(x - 2)^2 + 4$ can have is:

      a) 1   b) 2   c) 0   d) 3

6	Science	

CASE STUDY-II:

A School had organized a language seminar for the students. The number of participants for Hindi, English and Odia languages are 60, 84 and108 respectively. It was decided that minimum number of rooms will be used for the seminar and in each room same number of participants are to be accommodated and all of them should belong to the same subject.

Based on your understanding of the above case study, answer all the five questions below:

i) Find the maximum number of students to be accommodated in each room.
    a)12   b)16   c)20   d)24

ii) How many minimum rooms will be required for the participants of Hindi language?
    a)4   b)5   c)6   d)7

iii) How many minimum rooms will be required for the participants of Odia and English language?
    a)12   b)15   c)16   d)11

iv) How many minimum rooms will be required for the participants of Odia and Hindi language?
    a)16   b) 12   c)14   d)15

v) Find the minimum number of rooms that will be required for all the participants of the seminar?
    a)17   b)19   c)21   d)24

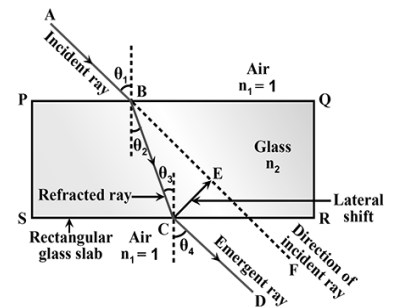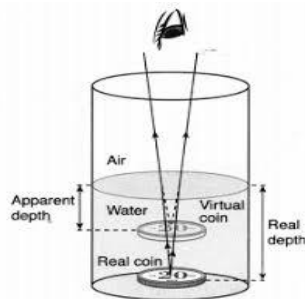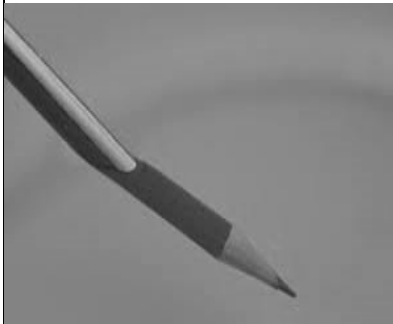| 6	Science	**PHYSICS**
		    1. FIND AN INNOVATIVE SOLUTION TO PROTECT THE DRY CROPS IN THE FIELD AT THE TIME OF HARVESTING.
		        (WRITE THE SOLUTION IN A PAPER OR MAKE A PPT)

2. ANY OTHER INVATIVE IDEA IS WELCOME ALSO.

3. UP-TO DATE THE CLASS WORK AND HOME WORK COPY.

4. DO ALL RAY DIAGRAMS FOR IMAGE FORMATION BY SPHERICAL MIRROR AND SPHERICAL LENS IN YOUR CLASS WORK COPY.

5. COMPLETE THE NCERT EXEMPLAR AND NCERT EXERCISE OF THE CHAPTER TAUGHT.

6. **Read the following and answer answer all the questions given below:**

Refraction is the change in direction of ray of light passing from one medium to another. Refraction of light is the most commonly observed phenomenon. How much a light ray is refracted is determined by change in speed of light and the initial direction of propagation of light relative to the change in direction of light.

For light, refraction follows Snell's law, which states that, for a given pair of media, the ratio of the sine of the angle of incidence θ_1 and angle of refraction θ_2 is equal to the ratio of velocities of light (v_1 / v_2) in the two media .

(i) The correct relation between the angles formed by incident ray, refracted ray and emergent ray with the normal is given by :

    (a) $\theta_1 > \theta_2 > \theta_4$
    (b) $\theta_1 = \theta_4 < \theta_2$
    (c) $\theta_1 = \theta_4 > \theta_2$
    (d) $\theta_1 < \theta_4 < \theta_2$

(ii) In the above figure given in question no **(i)** if the value of θ_1 becomes 45^0 and that of θ_2 becomes 30^0 ,then the refractive index of the glass slab is equal to :

    (a) 1.732
    (b) 1.414
    (c) 0.707
    (d) 0.471

(iii) In an experiment with a rectangular glass slab ,a student observed that a ray of light incident at angle of 50^0 with the normal on the face of the glass slab , after refraction strikes the opposite face of the glass slab and before emerging out into air it makes an angle of 40^0 with the normal . The values of **i**, **r** and **e** respectively are

    (a) $40^0, 50^0, 40^0$
    (b) $50^0, 50^0, 40^0$
    (c) $40^0, 40^0, 50^0$
    (d) $50^0, 40^0, 50^0$

(iv) To a fish under water , viewing obliquely a fisherman standing on the bank of a lake , the man appears

        (a) taller than what he actually is

        (b) shorter than what he actually is

        (c) the same height as he actually is

        (d) depends on intensity of light on the bank

(v) When a ray of light travels obliquely from water to glass, after refraction the   ray of light will

        (a) bend towards the normal

        (b) bend away from the normal

        (c) move without any deviation

        (d) Reflect back along the same path

7. ASSERTION AND REASON QUESTIONS

DIRECTION: In the following questions, a statement of assertion (A) is followed by a statement of reason(R). Mark the correct choices as:

(a)Both the assertion (A) and reason(R) are true and reason (R) is the correct explanation of assertion(A)

(b) Both assertion (A) and reason(R) are true but reason(R) is not the correct explanation of assertion (A)

(c) Assertion (A) is true but reason (R) is false.

(d) Assertion (A) is false but reason (R) is true.

(i)   **(A):** When a ray travels obliquely from glass to air, it goes away from the normal.

        (R): Refractive Index of air is less than that of glass.

(ii)   **(A):**The minimum distance between an object and its real image is normally equal to its focal length for a spherical mirror.

        (R): When object is at the centre of curvature, the distance between the object and image is zero.

BIOLOGY

1.   Prepare a pictorial chart showing the functions of different organs involved in digestion with the help of colours and any innovative materials.

2.   Prepare a Venn diagram to highlight the similarities and dissimilarities in aerobic and anaerobic respiration.

3.   Design a flow chart to show the pathway of oxygen molecule from atmospheric air to our cells through a colourful representation.

4.   Prepare a clay model to show different chambers of heart and its circulation [pulmonary & systemic]

ASSERTION & REASON QUESTIONS

The following questions consists of two statements-Assertion(A) and Reason(R).Answer these questions selecting the appropriate option given below.

Regarding (A) and (R) :

(a) Both A and R are correct but R is not the correct explanation for A

(b) A is incorrect but R is correct.

(c) Both A and R are correct & R is the correct explanation for A.

(d) A is correct but R is incorrect.

1) Assertion (A): Bile is essential for fat digestion.
Reason(R): Fats cannot be digested without emulsification.
2) Assertion (A): Aerobic respiration requires less energy as compared to anaerobic respiration.
Reason (R):. Mitochondrion is the power house of the cell.
3) Assertion (A): Plants lack excretory organs.
Reason (R): Plants usually absorb essential nutrients.
4) Assertion (A): In anaerobic respiration, one of the end product is alcohol.
Reason (R): There is an incomplete breakdown of glucose.

SOURCE BASED QUESTIONS

Read the following and answer the following questions.

The digestive system is the series of tube like organs that convert our meals into body fuel. There are about 30 feet (9 meters) of these convoluted pipe works, starting with the mouth and ending with the anus. Along the way, food is broken down, sorted, and reprocessed before being circulated around the body to nourish and replace cells and supply energy to our muscles. Changing Food to Fuel-Food on the plate must be converted into a mashed-up, gooey liquid for the digestive system to be able to split it up into its constituent parts: proteins, carbohydrates, fats, vitamins and minerals. Our teeth start the process by chewing and grinding up each mouthful, while the tongue works it into a ball-shaped bolus for swallowing. Moistening saliva fed into the mouth from nearby glands starts the process of chemical digestion using specialized proteins called enzymes. Secreted at various points along the digestive tract, enzymes break down large molecules of food into smaller molecules that the body is able to absorb.

(I) Select what is not true of intestinal villi among followings
a) They possess microvilli
b) They increase the surface area
c) They are supplied with capillaries and the lacteal vessels
d) They only participate in digestion of fats

(II) Hepato-pancreatic duct opens into the duodenum and carries
a) Bile
b) Pancreatic juice
c) Both bile and pancreatic juice
d) Saliva

(III) A gland not associated with the alimentary canal is-
a) Pancreas b) Adrenal c) Liver d) Salivary glands

(IV) Liver is the largest gland and is associated with various functions; choose one which is not correct
a) Metabolism of carbohydrate
b) Digestion of fat
c) Formation of bile
d) Secretion of hormone called gastric

(V)Mark the right statement among the following
a) Try psinogen is an inactive enzyme
b) Try psinogen is secreted by intestinal mucosa
c) Pepsin is secreted by pancreas
d) Bile contains trypsin

CHEMISTRY
SUB: CHEMISTRY,   CHAPTER NAME: CHEMICAL REACTIONS AND EQUATIONS.

Q.1 What is the observation when quicklime is added to water filled in a bucket? Write the chemical reaction involved.

Q.2 What is the basis to balance a chemical equation?

Q.3 Hydrogen being a highly inflammable gas and oxygen being a supporter of combustion, yet water which is a compound made up of hydrogen and oxygen is used to extinguish fire, Explain ?

Q.4 Give an example each for thermal decomposition and photochemical decomposition reaction. Write relevant balanced chemical equation also.

Q.5 Write the name of some observation with the help of us we can determine whether a chemical reaction has taken place or not?

Q.6 A Magnesium ribbon is burnt in Oxygen to give a white compound X accompanied by emission of light. If the burning ribbon is now placed in an atmosphere of nitrogen, It continues to burn and forms a compound Y.
(a) Write the chemical formulae of X and Y?
(b) Write a balanced chemical equation, when X is dissolved in water.

Q.7 What happens when Zn granules are treated are treated with dilute solution of H_2SO_4, HCl, HNO_3, NaCl, and NaOH ?

Q.8 What are the products formed when $FeSO_4$ is heated? What is the colour change observed?

Q.9 A brown colour gas is produced when $Pb(NO_3)_2$ is heated. What is that gas ? Which type of chemical reaction is it ? Write the balanced chemical reaction.

Q.10 What changes occur when AgBr(s) is exposed to sunlight? Write one of its use. Which type of chemical reaction is it?

A. MCQ QUESTIONS
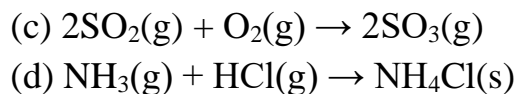1 Which of the following reactions will not take place?
   (a) $Zn + CuSO_4 \rightarrow ZnSO_4 + Cu$
   (b) $2KBr + Cl_2 \rightarrow KCl + Br_2$
   (c) $Zn + MgSO_4 \rightarrow ZnSO_4 + Mg$
   (d) $Mg + FeSO_4 \rightarrow MgSO_4 + Fe$

2 Which of the following involves combination of two elements?
   (a) $N_2(g) + 3H_2(g) \rightarrow 2NH_3(g)$
   (b) $CaO(s) + CO_2(g) \rightarrow CaCO_3(g)$

(c) $2SO_2(g) + O_2(g) \rightarrow 2SO_3(g)$

(d) $NH_3(g) + HCl(g) \rightarrow NH_4Cl(s)$

3 In the reaction $Hg_2Cl_2 + Cl_2 \rightarrow 2HgCl_2$

The reducing agent is

(a) Hg_2Cl_2

(b) Cl_2

(c) $HgCl_2$

(d) Both Cl_2 and $HgCl_2$

4 The formula of Ammonium phosphate is

(a) NH_4PO_4 (b) $(NH_4)_2PO_4$

(c) $(NH_4)_3PO_4$ (d) $(NH_4)_3(PO_4)_2$

5 Which of the following is a thermal decomposition reaction ?

(a) $2H_2O \rightarrow 2H_2 + O_2$

(b) $2AgCl \rightarrow 2Ag + Cl_2$

(c) $ZnCO_3 \rightarrow ZnO + CO_2$

(d) $H_2(g) + Cl_2(g) \rightarrow 2HCl(g)$

6 Barium chloride on reacting with ammonium sulphate forms barium sulphate and ammonium chloride. Which of the following correctly represents the type of the reaction involved ?

(i) Displacement reaction

(ii) Precipitation reaction

(iii) Combination reaction

(iv) Double displacement reaction

(a) (i) only (b) (ii) only

(c) (iv) only (d) (ii) and (iv)

7 Electrolysis of water is a decomposition reaction. The molar ratio of hydrogen and oxygen gases liberated during electrolysis of water is

(a) 1 : 1 (b) 2 : 1

(c) 4 : 1 (d) 1 : 2

8 Which of the following is (are) an endothermic process(es) ?

(i) Dilution of sulphuric acid

(ii) Sublimation of dry ice

(iii) Condensation of water vapours

(iv) Evaporation of water
(a) (i) and (iii) (b) (ii) only
(c) (iii) only (d) (ii) and (iv)

9 Which of the following gases can be used for storage of fresh sample of an oil for a long time?
(a) Carbon dioxide or oxygen
(b) Nitrogen or oxygen
(c) Carbon dioxide or helium
(d) Helium or nitrogen

10 The following reaction is used for the preparation of oxygen gas in the laboratory

$2KClO_3(s) \xrightarrow[\text{Catalyst}]{\text{Heat}}$ Catalyst $2KCl (s) + 3O_2(g)$

Which of the following statement(s) is (are) correct about the reaction ?
(a) It is a decomposition reaction and endothermic in nature
(b) It is a combination reaction
(c) It is a decomposition reaction and accompanied by release of heat
(d) It is a photochemical decomposition reaction and exothermic in nature

11 Which one of the following processes involve chemical reactions ?
(a) Storing of oxygen gas under pressure in a gas cylinder
(b) Liquefaction of air
(c) Keeping petrol in a china dish in the open
(d) Heating copper wire in presence of air at high temperature

12 The brown gas evolved on heating of copper nitrate is
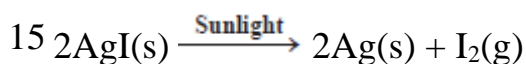(a) O_2 (b) NO_2 (c) N_2 (d) NO

13 Zinc reacts with silver nitrate to form which compounds?
(a) $Zn(NO_3)_2 + Ag$
(b) $ZnNO_3 + Ag$
(c) $AgNO_3 + Zn(NO_3)_2$
(d) $Ag + Zn(NO_3)_3$

14 $MnO_2 + 4HCl \rightarrow MnCl_2 + H_2O + Cl_2$
The oxidising agent is

(a) MnO_2 (b) HCl

(c) $MnCl_2$ (d) Ag + $Zn(NO_3)_3$

15 $2AgI(s) \xrightarrow{\text{Sunlight}} 2Ag(s) + I_2(g)$

The colour of iodine is

(a) green (b) purple

(c) brown (d) pink

B. ASSERTION AND REASON QUESTION:

The following questions consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below.

    a) Both A and R are true and R is the correct explanation of A
    b) Both A & R are true but R is not the correct explanation of A
    c) A is true but R is false.
    d) A is false but A is true

1. Assertion (A): Calcium carbonate when heated gives calcium oxide and water.
   Reason (R): On heating calcium carbonate, decomposition reaction takes place.

2. Assertion (A): Brown fumes are produced when lead nitrate is heated.
   Reason (R): Nitrogen dioxide gas is produced as by product due to the decomposition of lead nitrate.

3. Assertion (A): White silver chloride turns grey in sunlight.
   Reason (R): Decomposition of silver chloride in presence of sunlight takes place to form silver metal and chlorine gas.

4. Assertion (A): Pungent smelling gas is produced when sulphur burns in air.
   Reason (R): Sulphur trioxide is formed on reaction of sulphur with oxygen.

5. Assertion (A): In a reaction of copper with oxygen, copper serves as a reducing agent.
   Reason (R): The substance which gains oxygen in a chemical reaction is a reducing agent.

| 7 | Soc. Sc | ❖ **Geography –**
 1. Imagine yourself as one of the head of states attending the international earth summit at Rio de Janeiro, Brazil in 1992. Discuss some measure taken by your country to combat environmental damage, poverty and disease.
 2. On an outline map of India, label various soil types as given in Page No. – 9 of Chapter – 1. |

❖ **History** –
1. Define the different stages of unification of Germany.
2. Why Balkan area become a zone of conflict. Explain.

❖ **Political Science** –
1. Explain the various steps taken to setup Belgian model of government.
2. Explain the various causes of throwing out of Kashmir Pandit from the land of Kashmir.
3. **Read the sources given below and answer the questions that follow:**

The Belgian leaders took a different path. They recognized the existence regional differences and cultural diversities. Between 1970 and 1993, amended their constitution four times so as to work out an arrangement would enable everyone to live together within the same country. arrangement they worked out is different from any other country and is innovative.

You might find the Belgian model very complicated. It indeed is complicated, even for people living in Belgium. But these arrangements h worked well so far. They helped to avoid civic strife between the two m communities and a possible division of the country on linguistic lines. W many countries of Europe came together to form the European Union, Brus was chosen as its headquarters.

A. What did the Belgian leaders recognize?
(a)   That everyone would live together within the same country
(b)   The situations could have led to a civil war
(c)   The existence of regional and cultural diversities
(d)   All of the above
B. How have the Belgian accommodation policies worked well so far?
(a)   Helped to avoid civic strife
(b)   Helped to avoid a possible division of country on linguistic lines
(c)   Helped to avoid the mixing of the French and the Dutch
(d)   Both (a) and (b)
C. When many countries came together to form the _____, _____ was chosen as its headquarters.
(a)   European Union, Brussels
(b)   Union European, Brussels
(c)   European Parliament, Brussels
(d)   Union Parliament, Brussels
D. The constitution was amended four time so as to work out an arrangemer that would
(a)   Enable everyone to live together within the same state
(b)   Enable everyone to live together within the same country
(c)   Enable everyone to live together within the same city

(d) Enable everyone to live together within the same town

❖ **Economics –**

A. 1. Prepare a POWERPOINT PRESENTATION on the topic **"Covid 19 Pandemic- Nature's Revenge on Humans for the inhuman activities".**
[Points to be included are acknowledgement, preface/objective of the project, index, introduction, Inhuman activities of human beings to destroy the nature, Effects of inhuman activities on nature, Revenge of Nature to restore it, COVID 19 a lesson for human beings, Pictures to show the conditions on earth before lock down and after lockdown conclusion, bibliography.]

1. Imagine yourself as the Prime Minister of India and suggest five more measures which will be useful in this pandemic situation. Also explain the effects of each measure.

B. ASSERTION & REAON QUESTIONS

1. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and chose the correct option.
Assertion: Suppose the literacy rate in a state is 78% and the net attendance ratio in secondary stage is 47%.
Reason: More than half of the students are going to other states for elementary education.
   A. Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
   B. Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
   C. Assertion is true, but reason is false.
   D. Assertion is false, but reason is true.

2. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and chose the correct option
Assertion: A country that was extremely rich in natural resources has mainly relied on oil extraction for revenue generation for several centuries. However, the scientists predict that the country may become poor in the future if other means of generating income are not devised.
Reason: Oil is a non-renewable resource, and it is likely to get exhausted very soon if not used judiciously.
   A. Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
   B. Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
   C. Assertion is true, but Reason is false.
   D. Assertion is false, but Reason is true.

3. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and chose the correct option

		Assertion: A small town has a high rate of robbery; however, a locality in this town has well- maintained law and order.
		Reason: The people in the locality are aware of the importance of having security guards, and they collectively pay to have the security guards in the locality.
		
		    A. Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
		    B. Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
		    C. Assertion is true, but Reason is false.
		    D. Assertion is false, but Reason is true.
		
		4. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and chose the correct option
		Assertion: Sunita preferred a low paid job over a high paid job.
		Reason: If a woman gets engaged under a paid work, her dignity in the household and society increases.
		
		    A. Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
		    B. Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
		    C. Assertion is true, but Reason is false.
		    D. Assertion is false, but Reason is true.
		
		5. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and chose the correct option
		Assertion : The crude oil reserves are going down for the entire world, and the countries need to find substitute fuel for crude oil.
		Reason : A country that is dependent on imports for crude oil will demand more crude oil in the future.
		
		    A. Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
		    B. Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
		    C. Assertion is true, but Reason is false.
		    2. Assertion is false, but Reason is true
		❖ Learn all the chapters completed through online classes.

8	**IT**	Q1. What precautions must be taken to improve online security? Q2. Write the advantages of online shopping. Q3. How can an individual contribute towards Sustainable Development Goals? Q4. What are the measures to be taken in order to increase the performance of a computer system? NB: Up to date the class notes in your C.W copy and all your home works in your H.W copy provided till date 22.05.2020 .

N.B:

- ✓ Maintain index in your CW and HW copy.
- ✓ Draw margin line in your CW and HW copy.
- ✓ Do page numbering in all copies.

Its SUMMER TIME again. Time to strengthen your family bond, sharing joy and sorrow. Use your holiday home work as an opportunity to spend quality time together. Let your child take the lead and use his/ her imagination, creativity and knowledge to do the assigned work. The role of the parent is to be a facilitator and guide to sheer the child in the right direction. Take good care of your health and hygiene.

WE WISH YOU TONS OF HAPPINESS, JOY AND FUN WHILE YOU ARE ON VACATION.
MAINTAIN SOCIAL DISTANCING AND STAY SAFE .

Supervisor   **Coordinator**   **Principal**