

DAV PUBLIC SCHOOL, NTPC FARIDABAD

HOLIDAYS HOMEWORK CLASS X

Session (2022-23)

SUBJECT-BIOLOGY

INSTRUCTIONS:-

- 1. Solve this Assignment in your fair Notebook**
- 2. Learn chapter life processes**
- 3. Make Model According to your Roll No.**

ASSIGNMENT

MCQ

- 1. In human digestive system the enzymes pepsin and trypsin are secreted respectively by:**
 - (a) Pancreas and Liver**
 - (b) Pancreas and Gall bladder**
 - (c) Stomach and Pancreas**
 - (d) Stomach and Salivary glands**
- 2. The breakdown of pyruvate to give carbon dioxide, water and energy takes place in:**
 - (a) Cytoplasm**
 - (b) Mitochondria**
 - (c) Chloroplast**
 - (d) Nucleus**
- 3. Choose the function of pancreatic juice from following?**
 - (a) Trypsin digests protein and lipase digests carbohydrates**
 - (b) Trypsin digests emulsified fats and lipase digests proteins**
 - (c) Trypsin and lipase digests fats**

(d) Trypsin digests proteins and lipase digests emulsified fats

4. When air is blown from mouth into a test tube containing lime water, the lime turned milky due to the presence of:

- (a) Oxygen
- (b) Nitrogen
- (c) Carbon dioxide
- (d) Water Vapours

Short Answers Questions (I)

- 5. If a plant is releasing carbon dioxide and taking in oxygen during the day, does it mean that there is no photosynthesis occurring? Justify your answer.
- 6. Differentiate between arteries and veins.
- 7. Explain structure of chloroplast with the help of diagram.
- 8. Why pancreas considered heterocrine gland.
- 9. What are villi? What are their functions?

Short Answers Questions (II)

- 10. Write the functions of the following in the digestive process:
 - (i) Bile
 - (ii) Bicarbonate secreted by the duodenal wall.
 - iii) Pancreatic amylase.
- 11. What is lymph? State its function.
- 12. (a) Name the hardest substance present in the human body.
 - (b) Why do the walls of trachea not collapse?
 - (c) Which part of alimentary canal is a vestigial organ?

Long Answer Questions

- 13. Describe the three pathways of breakdown of glucose.
- 14. Describe the internal structure of human heart.

Competency Based Questions

15. If the teeth are cleaned regularly, they become covered with a sticky yellowish layer food particles and bacteria. Since layer W covers the teeth the alkaline liquid X secreted by glands Y inside the mouth cannot reach the teeth surface to neutralize the acid formed by the action of organisms Z on surgery food and hence tooth decay sets in. What is W known as?

- (a)Saliva**
- (b) Plaque**
- (c) Bacteria**
- (d) Salivary glands**

16. A unicellular animal P have no fixed shape ingests food particles by forming temporary finger like projections Q. The food particle is engulfed with a little surrounding water to form a temporary stomach R inside it. The chemicals S from surrounding cytoplasm enter into R and break down food into small and soluble molecules by chemical reactions. The digested food is directly absorbed into cytoplasm by Process T. The undigested food is thrown out by the rupture of a cell organelle U in a process Called V. Name the process V

- (a) Osmosis**
- (b) Phagocytosis**
- (c) Diffusion**
- (d) Exocytosis**

(17)A student sets up an experiment to study the importance of nutrition in plants. The student takes 2 pots, pot 1 and pot 2 each with the same healthy plant. Both the pots were placed in the garden and watered properly. Pot 1 was kept as such, while pot 2 was kept in an air tight glass box with caustic soda. Caustic soda absorbs carbon dioxide present in the surrounding. After 2 days, the student observes that the plant kept in the garden is healthy while the plant placed in container shed leaves and droops. What is the likely reason for this observation?

- (a) Lack of nutrients in the soil
- (b) Absence of oxygen for survival
- (c) Inability to perform photosynthesis
- (d) absorption of light by caustic soda restricting growth

18) A student sets up an experiment to study the photosynthesis in plants. The student starched a potted plant by keeping it in a dark room for 3 days. Half of the portion of de-starched leaf was placed in a bottle containing caustic potash (absorbs CO_2). The student then places the plant in light and tests the leaf after 5 hours for the presence of starch. The portions inside the bottle shows negative starch test by reflecting no change in colour when react with iodine, however, other upper portions of the leaf gave positive starch test showing blue-black colour with iodine. What can be evaluated from this experiment?

- (a) Carbon dioxide is directly linked with the colour of leaf
- (b) Carbon dioxide is necessary for preparing carbohydrate
- (c) Lack of carbon dioxide increases amount of starch in plant
- (d) Lack of carbon dioxide slows the process of photosynthesis

(19) A student setup an experiment to study the human respiratory system. In the experiment, the student places candle and a living cockroach in the flask A, while a candle and a dead cockroach in flask B. The burning of candle needs oxygen. After 10 minutes, the student observes that the candle in flask A extinguish faster while candle in flask B keeps burning for a Longer time. What can be evaluated from this experiment?

- (a) candle produces high amount of carbon dioxide
- (b) Living beings consumes oxygen during respiration
- (c) Burning of candle decreases the life span of cockroach
- (d) Water vapours produced by living beings prevents burning of candle

20) A student sets up an experiment to study human respiration using lime water, test tube and a straw. Lime water is colourless in the absence of CO_2 and is milky in its presence. The student fills a freshly

prepared limewater in a test tube and blows air through straw into the limewater. It was observed that the solution turns cloudy as shown. What can be evaluated from this observation?

- (a) Oxygen is exhaled during respiration
- (b) Glucose is produced during respiration
- (c) Dioxide is exhaled during respiration
- (d) Water vapours are produced during respiration

Models

1. Human Excretory System (1-10)
2. Structure Of Flower / Bio Gas Plant (11-20)
3. Germination Of Pollen on Stigma (21-30)

SUMMER HOLIDAY HOMEWORK 2022-23

CHEMISTRY

1. Revise all the NCERT questions and extra questions of Ch-1 i.e. Chemical reactions and equations.
2. Solve the assignment in fair chemistry notebook.
3. Make a power point presentation or project on “Types of Chemical Reactions” or “Concept of Rancidity”.
4. Draw a 3D chart of A3 size on any one of the topic –
 - a. Conditions that determine that the chemical reaction has occurred.
 - b. Balancing of a chemical equation
 - c. Types of Chemical Reactions
5. Make a pictiography of 30 new words related to chemistry from the chapters of NCERT and also paste pictures related to the topic.
6. Prepare a small sized model on the topic-
 1. Rusting of iron
 2. Combination Reaction
 3. Decomposition Reaction

CHEMISTRY ASSIGNMENT

CHAPTER-1

CHEMICAL REACTION AND EQUATIONS

ONE MARKS QUESTIONS

Fill in the blanks:-

1. Addition of hydrogen in a substance in a reaction is known as _____ reaction.
2. In a _____ reaction two or more substances combine to form a new single substance.
3. Unbalanced reactions are also known as _____
4. Reactions in which heat is given out along with the products are called _____ - reactions.
5. Reactions in which energy is absorbed are known as _____ reactions.
6. When an element displaces another element from its compound, a _____ reaction occurs.
7. Those reactions, in which two compounds react by an exchange of ions to form two new compounds, are called _____ reactions
8. Precipitation reactions produce _____ salts.
9. Reduction is the _____ of oxygen or gain of hydrogen.
10. The digestion of food in the body is an example of _____ reaction.
11. The addition of oxygen to a substance is called _____.
12. When calcium carbonate is heated, it decomposes to give _____ and _____.

MULTIPLE CHOICE QUESTIONS-

1. Before burning in air, the magnesium ribbon is cleaned by rubbing with a sand paper to:
 - a. Make the ribbon surface shinier
 - b. Remove the layer of magnesium oxide from the ribbon surface
 - c. Remove the layer of magnesium carbonate from the ribbon surface
 - d. Remove the moisture from the ribbon surface
2. In a chemical reaction between sulphuric acid and barium chloride solution the white precipitates formed are of:
 - a. Hydrochloric acid
 - b. Barium sulphate
 - c. Chlorine

d. Sulphur

3. The respiration process during which glucose undergoes slow combustion by combining with oxygen in the cells of our body to produce energy, is a kind of:

- a. Exothermic process**
- b. Endothermic process**
- c. Reversible process**
- d. Physical process**

4. A chemical reaction does not involve:

- a. Formation of new substances having entirely different properties than that of the reactants**
- b. Breaking of old chemical bonds and formation of new chemical bonds**
- c. Rearrangement of the atoms of reactants to form new products**
- d. Changing of the atoms of one element into those of another element to form new products**

5. One of the following processes does not involve a chemical reaction. That is:

- a. Melting of candle wax when heated**
- b. Burning of candle wax when heated**
- c. Digestion of food in our stomach**
- d. Ripening of banana**

6. It is necessary to balance a chemical equation in order to satisfy the law of:

- a. Conservation of motion**
- b. Conservation of momentum**
- c. Conservation of energy**
- d. Conservation of mass**

7. All the methods mentioned below can be used to prevent the food from getting rancid except:

- i. Storing the food in the air-tight containers**
 - ii. Storing the food in refrigerator**
 - iii. Keeping the food in clean and covered containers**
 - iv. Always touching the food with clean hands**
- a. (i) and (ii)**
 - b. (i) and (iii)**

c. (i), (iii) and (iv)

d. (iii) and (iv)

B. Rusting of iron involves a chemical reaction which is a combination of:

a. Reduction as well as combination reactions

b. Oxidation as well as combination reactions

c. Reduction as well as displacement reactions

d. Oxidation as well as displacement reactions

ASSERTION REASON TYPE QUESTIONS-

In the following questions a statement of Assertion is followed by a statement of Reason. Mark the correct choice as

(a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion.

(b) If both Assertion and Reason are true but Reason is not the correct explanation of Assertion.

(c) If Assertion is true but Reason is false.

(d) If Reason is true but Assertion is false.

(e) If both Assertion and Reason are false.

Assertion: Chemical reaction changes the physical and chemical state of a substance.

Reason: When electric current is passed through water (liquid), it decomposes to produce hydrogen and oxygen gases.

Assertion: In a balanced chemical equation, total mass of the each element towards reactant side = total mass of the same element towards product side.

Reason: Mass can neither be created nor destroyed during a chemical change.

Assertion: When calcium carbonate is heated, it decomposes to give calcium oxide and carbon dioxide.

Reason: The decomposition reaction takes place on application of heat, therefore, it is an endothermic reaction.

Assertion: Chips manufacturers usually flush bags of chips with gas such as nitrogen to prevent the chips from getting oxidised.

Reason: This increases the taste of the chips and helps in their digestion.

Assertion: Rusting of iron metal is the most common form of corrosion.

Reason: The effect of rusting of iron can be reversed if they are left open in sunlight.

VERY SHORT ANSWER TYPE QUESTIONS-

1. On what chemical law, balancing of chemical equation is based?
2. Identify the compound oxidized in the following reaction: $\text{H}_2\text{S (g)} + \text{Cl}_2 \text{(g)} \rightarrow \text{S (s)} + \text{HCl (g)}$
3. Give an example of photochemical reaction.
4. Name the reaction which forms insoluble salts.
5. Name the product obtained and type of reaction given below:
 $\text{Na}_2\text{SO}_4 + \text{BaCl}_2 \rightarrow \text{.....} + \text{.....}$
6. Give the chemical formula of rust.
7. Why potato chips manufacturers fill the packet of chips with nitrogen gas?

TWO MARKS QUESTIONS

8. What is the role of oxidizing agent in a reaction?
9. What happens chemically when quick lime is added to water?
10. Why is a combustion reaction an oxidation reaction?
11. Why are food particles preferably packed in aluminum foil?
12. What happens to lime water when CO_2 gas is bubbled through it in excess?
13. A substance X used for coating iron articles is added to a blue solution of a reddish brown metal Y, the color of the solution gets discharged. Identify X and Y & also the type of reaction.
14. A student burnt a metal A found in the form of ribbon. The ribbon burnt with a dazzling flame & a white powder B is formed which is basic in nature. Identify A & B. Write the balanced chemical equation.

THREE MARKS QUESTIONS

15. What is rancidity? Write the common methods to prevent it.
16. What is corrosion? State the conditions necessary for rusting of iron. How rusting is harmful?
17. Name the type of reactions in the following cases:
 - a. Garbage producing foul smell

b. Burning of natural gas.

c. Carbon dioxide gas passed through lime water.

18. Blue crystals of copper sulphate on heating in a dry test tube become colorless. Give reasons.

19. Give an example, each for thermal decomposition and photochemical decomposition reactions.

Write balanced equation for the same.

20. Why photosynthesis is considered an endothermic reaction? Explain.

21. What happens when electricity is passed through acidified water?

FIVE MARKS QUESTIONS

22. a. Why can not a chemical change be normally reversed?

a Why is it always essential to balance a chemical equation?

b What happens when CO_2 gas is passed through lime water and why does it disappear on passing excess CO_2 ?

c Can rusting of iron take place in distilled water?

23. Write chemical equations for the following and balance them.

I. Zinc carbonate(s) \rightarrow Zinc oxide + Carbon dioxide

II. Potassium bromide (aq) + Barium iodide (aq) \rightarrow Potassium iodide + Barium bromide.

III. Nitrogen + Hydrogen \rightarrow Ammonia

SUBJECT: ENGLISH

Session (2022-23)

1. FUN WITH IDIOMS- Write 5 idioms each with meaning for each category – colours, fruits, body parts, nature and sports.
2. Make a beautiful bookmark for your English book. Decorate it and write famous quotations by well known English authors on it.
3. Collect information about famous English Poets and write about the life sketch of any 5 poets on A4 sheet and compile those sheets in a folder.
4. ENHANCE YOUR VOCABULARY- Watch English News every day and note down at least 50 new words in your notebook.

Note: All the work to be done on A4 size sheets.

5. LEARN WITH EASE Make a video (3-4 minutes) of your own explaining any two of the following topics:

1. Letter to God 2. Triumph of Surgery

Listen to these talks of wonderful people every week.

<https://youtu.be/C5EG1-w7fYo> josh talk by Arunimna Sinha

No one can stop you if you are determined in your life.

https://youtu.be/7fIL5s_Kq68 Dr. APJ Abdul Kalam's Life Advice Will Change Your Future (MUST WATCH) Motivational Speech

<https://youtu.be/xQip8wPyIFs> Sachin tendulkar's farewell speech showing gratitude towards everyone who contributed in his life.

Learn and practice the habit of Gratitude. It brings magical change in life.

Note-Separate assignment will be provided for writing, grammar and literature sections.

Introduction to Financial Markets

Session (2022-23)

Prepare **any one** project from the following topics: (Project File of 10-12 pages)

1. **Investment Basics:** Meaning, Precautions while Investing, various options available for investment and basic terminologies.
2. **Secondary Markets:** Meaning, Role of Secondary markets, Products in Secondary markets, and about Stock Exchange, Do's and Don'ts of Investing in Stock Markets.

SUBJECT:MARKETING & SALES

Session (2022-23)

Prepare **any one** project from the following topic:-

- 1) Student to pick up a consumer product of their choice and try to segment it.
- 2) Choose a product of their choice and decide which targeting strategy would they use to market their product .
- 3) Students to select a product and identify the segments for that product and also try to position by highlighting the benefit offered by the product.

X संस्कृत

1. प्रजेक्ट कार्य- महाकवि कालिदास, महर्षिवाल्मीकी, महर्षि वेदव्यास, पं० विष्णुशर्मा, हरिदत्त शर्मा जी की सचित्र जीवनी व उनकी कृतियों का उल्लेख।
2. शुचि पर्यावरण पाठ के A 4 पृष्ठ पर सुंदर सुंदर हिन्दी अर्थ सहित।
3. स्वेच्छा से श्लोक गायन अथवा शिक्षा प्रदान करे ऐसे विषय को प्रस्तुत करते हुए संस्कृत भाषा मे 1 से 2 मिनट की वीडियो बनाकर विषयाध्यापक के पास भेजें।
4. बुद्धि की महत्ता का वर्णन करते हुए कोई दो श्लोक अर्थ सहित A 4 पृष्ठ पर सुंदर सुंदर लिखो।

हिंदी

Session (2022-23)

1. प्रेमचंद को कहानी सम्राट कहना अतिशयोक्ति नहीं होगी। इन्होंने अनेक कहानियाँ लिखीं उनकी समस्त कहानियाँ मानसरोवर के आठ भागों में संकलित हैं आप कहानियाँ पढ़ें एवं कोई चार कहानियों को अपने शब्दों में A4 शीट पर सुंदर लेख में लिखिए।

2. ग्रीष्मावकाश में किसी एक पर्वतीय प्रदेश की यात्रा कीजिए तथा वहाँ की संपूर्ण जानकारी एकत्र करते हुए परियोजना तैयार कीजिए

अथवा

यदि आपने किसी पर्वतीय प्रदेश की यात्रा की है तो उस यात्रा का संपूर्ण वर्णन तथा वहाँ की जानकारी की परियोजना मुख्य बिंदुओं के आधार पर एकत्रित कीजिए। जैसे-

पर्वतीय स्थल का नाम, विशेषताएँ, वृक्षों के नाम, प्रमुख पशुओं के नाम, बोली जाने वाली 2 बोलियों के नाम, वहाँ के घरों की विशेषताएं और वहाँ की वेशभूषा आदि।

3. महाकवि कबीरदास जी की पठित अथवा अपठित कोई दो साखियों का सस्वर वाचन व भावार्थ स्पष्ट करते हुए एक वीडियो बनाकर विषय अध्यापिका के पास भेजिए।

4. बागबान व अवतार फिल्म देखिए तथा बुजुर्गों के साथ समाज में कैसा व्यवहार किया जाता है? समाज में किस चीज को अधिक महत्व दिया जाता है क्या यह उचित है या अनुचित? तर्क सहित इन प्रश्नों के उत्तर A4 पृष्ठ पर लिखिए।

5. परोपकार का परिणाम, गंगा और मैं, मैं देश का प्रधानमंत्री आदि विषयों पर अपने शब्दों में लघु कथाएं 4 पृष्ठ पर सुंदर लेख में लिखिए।

6. आपने अपना विष्णु का स्टेज प्रकार देता है इस विषय पर अपने विचार सुंदर लेख में लिखकर बताइए।

7. व्याकरण कार्य-अभ्यास प्रपत्र में दिए गए प्रश्नों का उत्तर पुस्तिका में हल कीजिए। (पदबंध, मुहावरे, रचना के आधार पर वाक्य)

SUBJECT-Information Technology (402)

Session (2022-23)

Q1. Explain the styles given in the Styles and Formatting Window for writer and paste the screenshot of the window also.

Q2. Write the steps to create a new style in Open Office Writer.

Q3. Write the steps to insert an image in a document. Explain three methods along with screenshots.

Q4. Write the steps to consolidate data of two sheets in Open Office Calc.

Q5. Write the steps to create Mail Merge with screenshots.

SUBJECT-PHYSICS

Session (2022-23)

INSTRUCTIONS:-

1. ASSIGNMENT : Solve this Assignment in your fair Notebook

2. LEARNING : Learn chapter LIGHT : Reflection and refraction

3. ACTIVITIES:

A. PREPARE A PORTFOLIO ON THE TOPIC:

ROLL NO: 1-15 ray diagrams for mirrors

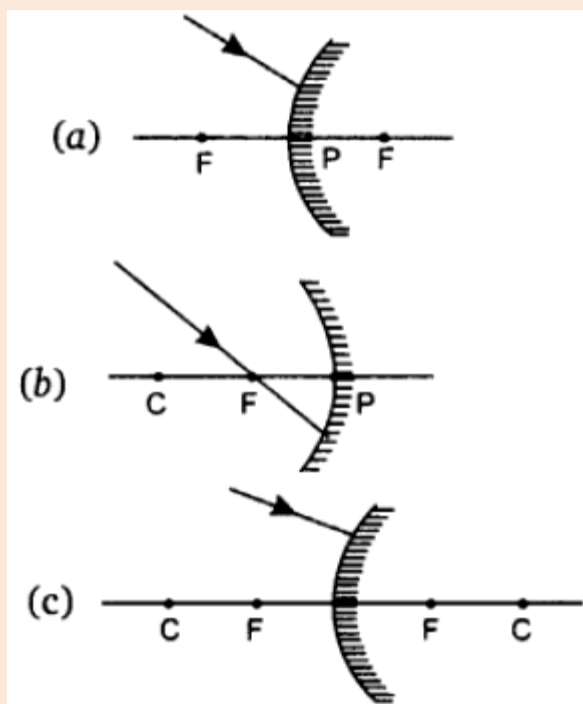
ROLL NO: 16-30 ray diagrams for lenses.

B. .PPT PRESENTATIONS ON :

- (i) refractive index
- (ii) refraction of light

ANSWER THE FOLLOWING QUESTIONS:

1. What is light? What is its nature?
2. What is the speed of light in vacuum?
3. What is a mirror?
4. What is the focal length of a plane mirror?
5. Differentiate between real and virtual image.
6. What type of image is formed on a cinema screen?
7. A concave mirror is a part of sphere of radius 40 cm. What is the focal length of the mirror?
8. Radius of curvature of a mirror is 20 cm. What type of mirror is it?
9. Magnification of a mirror is $+2/3$. What type of mirror is it?
10. Complete the following diagrams:-



11. Magnification of a mirror is ' -1 '. What type of mirror is it? What is the position of object and image? Give the nature of image.
12. Name the type of mirror used:-
 - (i) as a reflector in search light
 - (iii) by the dentist

(ii) as side view mirror in vehicles. (iv) as a shaving mirror

13. Wherever you may stand in front of mirror, your image is always erect & same sized, what type of mirror is it?

14. (a) A ray of light strikes the mirror at an angle of 20° . What is the angle of reflection?

(b) Give the angle of incidence and reflection for normal incidence.

15. A candle is kept in front of plane mirror at distance of 15 cm. What is distance between candle & its image?

16. Radius of curvature of a mirror is +24cm. Name the kind of mirror and give the characteristics of the image formed by it.

17. Define refraction.

18. State the laws of refraction.

19. How does the lateral displacement depend upon:-

(a) Thickness of the glass slab.

(b) Angle of incidence

20. What is the lateral displacement when a ray of light falls normally on a glass slab?

21. Refractive index of water with respect to air is 1.33, what is refractive index of air with respect to water?

22. Under what condition, the angle of refraction will be equal to the angle of incidence?

23. Refractive index of glass is 1.65, what is the speed of light in glass?

24. If refractive indices of alcohol & water are 1.36 and 1.33 respectively, which of the two is optically denser?

25. A 1cm high object is placed at a distance of $2F$ from a convex lens, what is the height of the image formed?

26. Focal length of a lens is 25 cms. What is its power?

27. Where an object should be placed for using a convex lens as magnifying glass?

28. Power of a lens is 0.4 D. what is its focal length?

29. Why does a stick, partly immersed in water, appear to be bent? Explain with a diagram.

30. A small electric lamp is placed at the focus of a convex lens. What is the nature of the beam of light produced by the lens?

31. Light travels from rarer medium 1 to denser medium 2. Angle of incidence & refraction are 45° & 30° resp.

(i) Calculate the refractive index of second medium with respect to the first.

(ii) Calculate the refractive index of the first medium with respect to the second.

32. Find the position, nature and size of the image of an object 3 cm high placed at a distance of 9 cm from a concave mirror of focal length 18 cm.

$$(v = 18 \text{ cm}, h = 6 \text{ cm})$$

33. An object 4 cm high is placed 40 cm in front of a concave mirror of focal length 20 cm. find the distance from the mirror, at which a screen be placed to obtain a sharp image.

$$(v = -40 \text{ cm})$$

34. A convex lens has focal length of 30 cm. at what distance should object be placed from the lens so that it forms an image at 60 cm on other side of the lens? Find the magnification produced by the lens. ($v = 60 \text{ cm}$, $m = -1$)

35. An arrow 2.5 cm high is placed at a distance of 25 cm from a diverging mirror of focal length 20 cm. find the nature, position and size of the image formed

$$(11.1, 1.11 \text{ cm}).$$

36. The image formed by a convex mirror of focal length 30 cm is a quarter of the object, what is the distance of object from the mirror?

$$(-90 \text{ cm})$$

37. An erect image 3 times the size of the object is obtained with a concave mirror of radius of curvature 36 cm. calculate the position of the object.

$$(-12 \text{ cm})$$

38. A concave lens has focal length of 15 cm. at what distance should an object be placed from the lens so that it forms an image at 10 cm from the lens? Find the magnification of the lens.

$$(-30 \text{ cm}, 1/3)$$

39. A 2 cm tall object is placed perpendicular to the principal axis of a convex lens of focal length 10 cm. the distance of the object from the lens is 15 cm. find the nature, position and size of the image. (30 cm , -4 cm)

40. The image obtained with a convex lens is erect and its length is 4 times the length of the object. If the focal length of the lens is 20 cm, calculate the object and image distance.

$$(-15 \text{ cm}, -60 \text{ cm})$$

Social Science

Session (2022-23)

LEARNING WORK:

CH:1,3 (Geography)

CH:1,2 (Democratic Politics)

CH:1 (Economics)

CH:1 (History)

Writing Work:

Find out answers for objective questions(Assignment) from your NCERT.

Solve an assignment of short answers in your fair notebook.

Creative Work:

(a) Prepare a project about Consumer's Awareness in India (12-15 Pages)

1. Define the term Afforestation. (1)
2. What do you mean by Horizontal distribution of powers.? (1)
3. What do you understand by Average Income? (1)
4. Which is the capital city of Belgium? (1)
5. When did Jallianwala Bagh Massacre happened? (1)
6. State any two goals of development? (1)
7. Classified any three types of Soil found in India. Write one feature of each soil. (1,1,1)
8. Write any three human activities which are responsible for land degradation? (3)
9. Kerala, with lower per capita income has a better human development ranking than Maharashtra. Hence Per capita income is not a useful criterion at all and should not be used to compare states. Do you agree? Give statement. (3)
10. Money in your pocket can't purchase everything. Explain in three points (3)
11. Which countries are known as Developed, Developing & Under developed? (Based on Income) (3)
12. What were the three main features of Lahore session in Nationalism in India? (3)
13. What three steps should be taken to control soil erosion in different regions? (3)
14. Mention any three causes responsible for soil erosion. (3)
15. Why is resource planning essential today? (Any three) (3)
16. Mention any three ways to solve the problem of land degradation? (3)
17. What is power sharing? Give a Prudential and Moral reason for power sharing. (3)
18. What are the three different ways of power sharing in Modern democracies (3)

20. Explain any five features of the Belgium Model of the government? (5)
21. Explain any three points about the ethnic composition of Belgium? (3)
22. Classify the resources on the basis of Exhaustability. (3)
23. Mention any three ways to solve the problem of Soil Erosion? (3)
24. What three steps were taken by Sri Lanka's government to set up majoritarianism (3)
25. What are the three different ways of power sharing in Modern democracies (3)
26. Explain any five features of the Belgium Model of the government? (5)
27. Which are the five different forms of power sharing in modern democracy? (5)
28. Why did Gandhiji decide to postpone the Non Cooperation movement? (Any Five Points) (5)
29. How has the ever increasing number of Industries in India made worse position of environment. (5)
30. Write any five types of problems caused due to industries. (5)
31. Why there was a limited participation of dalits in the civil disobedience movement? (Any five points) (5)
32. (a) Show the following places of the national movement in India.
Champaran, Jallianwala Bagh, Chauri Chaura, Jallianwala Bagh, Sep 1920 & Dec 1920 Congress Session, A State having black soil, A State having Alluvial soil.

Happy Holiday!!