

St. Mary's School, Dwarka
Holiday Homework
Class X
Week 4
Worksheet 4

Subject: English

Q1. Read the passage given below.

The modern classroom has taken several steps forward in its evolution of the learning environment in the past 25 years. Many of the benefits that we have seen in this setting are due to the introduction of new technology options for students. Instead of having a single computer for a class to use or a laboratory environment for the entire school placed in one room, we can now help students learn at their table or desk with items issued to them directly. Thus, there are quite a lot of advantages of having technology in classrooms.

Technology helps children to stay motivated during the learning process. Most students don't like to go to school if they feel like they are wasting their time. When there is technology allowed in the classroom, then teachers have an opportunity to let children work at a pace which suits them the best without disturbing others. They can look up additional information about a subject they are learning about that day, play educational games that reinforce the lesson, or work on advanced material using a program.

Since, the technology options available today allow students to see how well they are doing compared to the average users, it gives them a chance to push harder to achieve their academic goals. Many of the programs that encourage learning also issue rewards or award certificates, which helps to make the lessons fun as well.

Technology encourages more communication between teachers and parents. When there is technology in the classroom, then there are more opportunities for parents and teachers to connect with each other. Using a blog for the classroom can help parents get to see what their children are learning each day. Apps and software options allow teachers to instantly report on a child's behaviour to let parents know in real-time what is happening throughout the day. There are options for chat boxes, instant messaging, and other forms of communication as well.

Let's not forget about email here either. Since the 1990s when this technology option came into the classroom, it created more reliability in messaging between teachers and parents should there be a need to talk.

Technology also creates new ways to learn for today's student. There are three critical forms of

intelligence that we see in children today : emotional, creative, and instructional. The traditional classroom environment, which typically encourages lecture-based lessons, focuses more on the latter option. Standardized tests and similar ranking tools do the same. When children have access to technology today, then those who excel outside of the standard learning setup can still achieve their full potential.

Technology allows children to embrace their curiosity in multiple ways. They can try new things without embarrassment because their tech access gives them a level of anonymity. This process allows children to work, through trial-and error if they wish, to see if a different strategy helps them to learn more effectively. It even encourages students to stay engaged with their learning environment. Children get bored very easily when they feel like they already know what is being taught in their classroom. Some children will transform into mentors or leaders in this situation to help their fellow students, but there are many more who disengage because they lack stimulation. By introducing technology to the classroom, there are fewer places where repetitive learning must take place. Teachers can introduce new subjects, try new techniques, or use different projects to encourage ongoing learning, which creates more overall engagement.

On the basis of your understanding of the given passage, answer ANY TEN questions from the twelve that follow. (1/2×10=5)

- (a) According to the passage, most children don't like to go to school if they _____.**
- (i) don't understand what is being taught in class.
 - (ii) feel like they are wasting their time.
 - (iii) find class too boring.
 - (iv) can get away with it.
- (b) What is the advantage of having a technology that allows students to see how well they are doing compared to the average of other students?**
- (i) gives an opportunity to learn from other students
 - (ii) tells one how much more hard work is needed to achieve a goal
 - (iii) motivates them to seek help where needed to reach the level of others
 - (iv) gives them a chance to chance to push harder to achieve their academic goals.
- (c) Technology allows children to embrace their in multiple ways.**
- (i) intelligence
 - (ii) hard work
 - (iii) curiosity
 - (iv) passion

(d) Which of the following is NOT something that technology helps a student in education?

- (i) Technology creates new ways to learn for today's student.
- (ii) Technology encourages more communication between parents and students.
- (iii) Technology helps children to stay motivated during the learning process.
- (iv) Technology encourages students to stay engaged with their learning environment.

(e) Which of the following is NOT a way through which technology helps children to stay motivated during the learning process?

- (i) play educational games that reinforce a lesson
- (ii) work on advanced material using a program
- (iii) look up additional information about a subject they are learning about
- (iv) allow them to work on a lesson beyond their curriculum

(f) The three critical forms of intelligence that we see in children today are _____.

- I. motivational II. creative
- III. instructional IV. competitive V. emotional

- (i) I, II and III (ii) II, III and IV
- (iii) II, III and V (iv) I, IV and V

(g) A mentor is someone who _____.

- (i) gives someone help and advice related to something
- (ii) leads someone to become a better person
- (iii) helps someone in their time of need
- (iv) provides a better learning standard

(h) Children can try new things with the help of technology without embarrassment because their tech access gives them a level of _____.

- (i) confidence (ii) anonymity
- (iii) superiority (iv) satisfaction

(i) Which of the following is NOT a method through which technology encourages more communication between teachers and parents?

- (i) Apps and software options that allow teachers to instantly report on a child's behaviour.
- (ii) Usage of a blog for the classroom to help parents get to see what their children are learning each day.
- (iii) Communication options such as chat boxes, instant messaging, and other forms of communication.
- (iv) Software programs that allow parents to access the child's tech and keep a check on

their usage.

(j) Choose an option that makes the correct use of ‘stimulation as used in the passage, to fill in the space.

- (i) Babies who love with their parents receive much more..... than babies who sleep in a cot.
- (ii) It was known thatmade the heart to increase its oxygen consumption.
- (iii) Near the boundary, the electricalspreading enough to evoke both movements.
- (iv) She has a low threshold of boredom and needs the constant.....of physical activity.

(k) Technology helps children to see if a different strategy helps them to learn more effectively through _____.

- (i) hard work and diligence.
- (ii) trial and error method.
- (iii) advanced software programs.
- (iv) strategies and lessons.

(l) Choose an option that is clearly a synonym of the word ‘engage’.

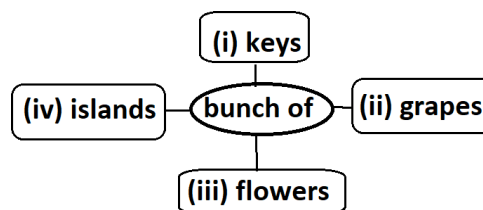
- (i) immerse (ii) surrender
- (iii) release (iv) disrupt

Q2. Read the extract given below and attempt the questions that follow.

(1/2x5=2.5)

When he finished, he went to the window to buy a stamp which he licked and then affixed to the envelope with a blow of his fist. The moment the letter fell into the mailbox the postmaster went to open it. It said: “God: Of the money that I asked for, only seventy pesos reached me. Send me the rest, since I need it very much. But don’t send it to me through the mail because the post office employees are a bunch of crooks. Lencho.”

(i) ‘...bunch of crooks.’ Pick the option that DOES NOT collate with ‘bunch of’, correctly.



- a) option (i)
- b) option (ii)
- c) option (iii)
- d) option (iv)

(ii) What was the most likely response that the postmaster expected in Lencho's second letter?

1. sorrowful
2. gratitude
3. disappointment
4. elation
5. shock

- a) ii and v
- b) i and iii
- c) ii and iv
- d) iii and v

(iii) Which of the phrases given below truly show Lencho's character?

- a) grateful and contented
- b) trusts God but has no faith in humanity
- c) innocent and naïve
- d) hardworking and faith in God

(iv) Lencho's letter included

- a) details of his problems
- b) description of the post office
- c) belief of being looted
- d) list of further demands

(v) Pick the most suitable quote for this extract.

- a) "It is easier to fool people than to convince them that they have been fooled." – Mark Twain
- b) "Real knowledge is to know the extent of one's ignorance."- Confucius
- c) "You see a person's true colours when you are no longer beneficial to their life."- anonymous
- d) "True generosity means accepting ingratitude." - Coco Chanel

Q3. Choose the correct options to fill in the blanks to complete the passage.

(1/2x3=1.5)

Nearly 92 lakh children, who had either dropped out of schools or never (a)_____, will now get elementary education as it (b) _____ on the part of the local authorities and the State governments to ensure that all children in 1 to 6 years age group (c) _____.

- (a) (i) had been to any educational institution
(ii) have been to any educational institution
(iii) been to any educational institution
(iv) has been to any educational institution

- (b) (i) can be binding
(ii) will be binding
(iii) is binding
(iv) has been binding

- (c) (i) get schooling
(ii) will be schooled
(iii) get schooled
(iv) have schooling

Q4. Choose the correct options to fill in the blanks to complete the passage. (1/2x3=1.5)

Customer : Waiter ! Please get me a cup of tea.

Waiter : Hot or cold, sir?

Customer : Does anyone drink cold tea in winter! Get me a cup of steaming hot tea.

Waiter : Yes, sir!

One day a customer came to a cafe and (a)a cup of tea. The waiter immediately asked him (b) hot tea or cold tea. Flabbergasted, the customer exclaimed that if anyone drank cold tea in winter and ordered the waiter to (c)a cup of steaming hot tea.

- (a) (i) requested
(ii) asked for
(iii) ordered
(iv) told about having
- (b) (i) what he would like
(ii) whether he would like
(iii) will he like
(iv) shall he like

- (c) (i) get him
- (ii) bring him
- (iii) got him
- (iv) bought him

Q5. Fill in the blanks by choosing the correct options.

(1/2x6=3)

(d) Howyou do this to me?

- (i) shall (ii) could
- (iii) would (iv) should

(e) Younot repeat the same mistake again.

- (i) could (ii) should
- (iii) had better (iv) shall

(f) Carl hashonorary degree in Architecture.

- (i) the (ii) a
- (iii) an (iv) X

(g) Karin and her sisters at the mall before you come.

- (i) will have been shopping
- (ii) had been shopping
- (iii) has been shopping
- (iv) will be shopping

(h) We.....on the court before it started raining.

- (i) were playing (ii) was playing
- (iii) had been playing (iv) are playing

(i) Nina asked them, “Are you alright?”

- (i) Nina asked if all was right.
- (ii) Nina asked if she was alright.
- (iii) Nina asked them if they were alright.
- (iv) Nina asked if she were alright.

Q6. You are Deep/Deepika Sharma of C-105, Janak Puri, New Delhi. You are extremely disturbed after reading about the attacks on elderly. Write a letter to the Editor of The New Indian Express expressing your concern about the issue. Also suggest ways to improve the situation. **(3)**

Q7. How did the post master collect money for Lencho? **(1)**

Q8. Find an example of the following figures of speech from the lesson ‘The Letter to God’. **(1.5)**

1) Personification-

3) Metaphor-

Q9. Write the character sketch of Lencho in 80 words.

(3)

Q10. Solve this interesting puzzle based on the lesson ‘Nelson Mandela: Long Walk to Freedom’. Find the words in the lesson that match the phrases given in the clues. (3)

(3)

(Hint-page no 16,17 &18)

ACROSS

2. to make a resolution

5. introduction of a new system

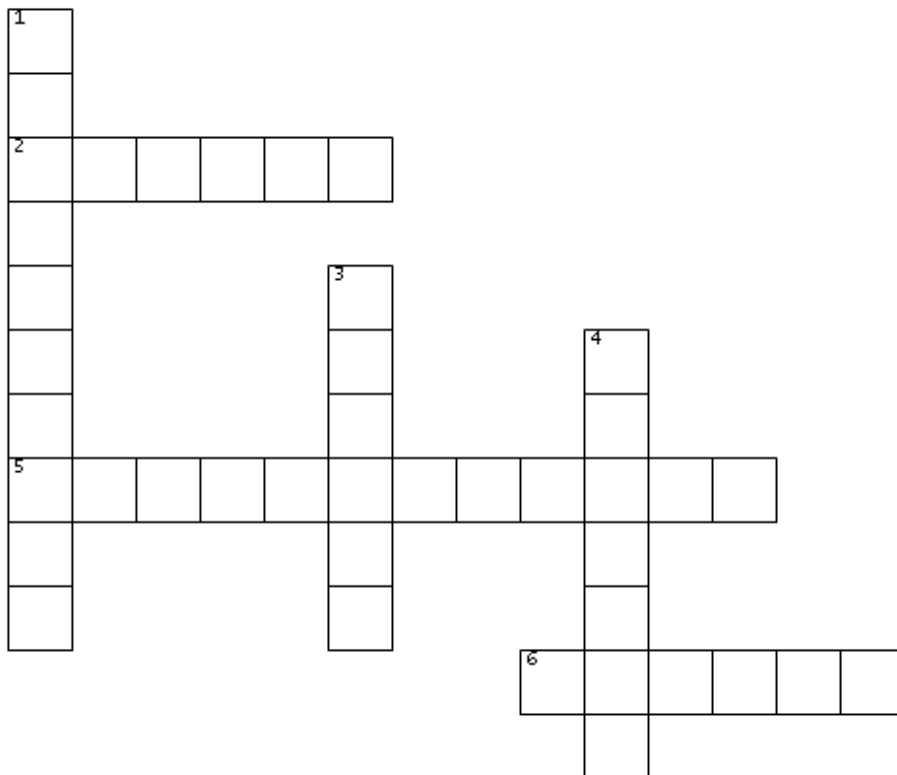
6. a small platform used by the speakers

DOWN

1. an act of using power to unjustly keep a group people under control

3. a person second in command

4. gathering of people of different races



- निर्देश-** 1 दिए गए सभी प्रश्नों के उत्तर हिंदी की उत्तर - पुस्तिका में लिखिए।
2 कार्य स्वच्छ शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 अपठित गद्यांश को पढ़कर निम्न प्रश्नों के उत्तर दीजिए—

(5)

मनुष्य का शरीर जिन पाँच तत्वों - धरती, जल, आकाश, वायु, और अग्नि से मिलकर बना है, उनमें जल भी एक प्रमुख तत्व है। हमारे शरीर में जल की मात्रा पर्याप्त बनी रहे, इसके लिए उचित मात्रा में जल ग्रहण करना अनिवार्य है। नीर, पय, पानी, जीवन, वारि, प्रतिष्ठा आदि जल के अन्य नामों से सभी जन परिचित हैं। पाँच तत्वों में वायु और जल ऐसे अति महत्त्वपूर्ण तत्व हैं, जिनकी शरीर में अल्प मात्रा का अभाव ही प्राणों के लिए लेने-देने जैसी विकट स्थिति उत्पन्न कर देता है। नदी, तालाब, झरनों आदि का जल पीने योग्य माना जाता है, किंतु विशाल जलराशि से परिपूर्ण होने पर भी सागर का जल पीने योग्य नहीं है, क्योंकि वह खारा होता है, जो पिपासा को शांत करने की बजाय बढ़ाता है। श्रांत - क्लान्त व्यक्ति को यदि एक गिलास शीतल जल मिल जाए, तो वह तृप्त हो जाता है। मनीषियों ने रूके हुए जल का संबंध दुर्बुद्धि से जोड़ा है और चरित्र को 'बहते जल' सा पवित्र बनाने की सलाह दी है तथा निर्लज्ज के लिए 'आँख का पानी मरना' कहा है। कहने का भाव यह है कि प्राणी के लिए जल का अपना अलग ही महत्त्व है। सबसे महत्त्वपूर्ण बात यह है कि यदि मनुष्य जल समान बन जाए, तो उसका जीवन जल - सा अनमोल प्रकृति प्रदत्त बन जाए। रहीम जी ने भी जल के महत्त्व पर प्रकाश डालते हुए कहा है- 'रहिमन पानी राखिए, बिन पानी सब सूँ' पानी बिना न ऊबरै, मोती, मानुष चूँ।।

- | | |
|--|---|
| 1 शरीर की संरचना किन तत्वों से हुई है ? | 1 |
| 2 समुद्र का जल पीने योग्य क्यों नहीं होता है ? | 1 |
| 3 जल के अन्य नाम क्या हैं ? | 1 |
| 4 मनीषियों ने जल के संबंध में क्या कहा है? | 1 |
| 5 'आँख का पानी मरना' मुहावरे का अर्थ लिखिए। | 1 |

प्रश्न 2 निम्नलिखित मुहावरों के अर्थ लिखकर वाक्य में प्रयोग कीजिए:-

(2.5)

- 1 छोटा मुँह बड़ी बात ।
- 2 पहाड़ होना ।
- 3 प्राण सूखना ।
- 4 हँसी -खेल न होना ।
- 5 आग बबूला होना

प्रश्न 3 नीचे दिए गए मुहावरों से रिक्त स्थानों की पूर्ति कीजिए।

(2.5)

(आँखें फोड़ना , खून जलाना , बुद्धि पर पर्दा पड़ना, आड़े हाथों लेना , ज़िगर के टुकड़े-टुकड़े होना)

- 1 बहुत से लोग दूसरों की उन्नति को देखकर बिना वज़ह हीरहते हैं।

2 रानी के पिता के निधन की बात सुनकर मेरेगए।

3 कक्षा में प्रथम स्थान पाने के लिए छात्रों को दिन रात पड़ती हैं।

4 मोहन को इतना समझाने पर भी उसकी समझ में कुछ नहीं आता, लगता है उसकीगया है।

5 पृत्र के देर से घर आने पर पिता ने उसे.....लिया ।

प्रश्न 4 आपके विचार से शिक्षा का स्वरूप क्या होना चाहिए ? (2)

प्रश्न 5 'मन का आपा खोइ' से कबीरदास जी का क्या अभिप्राय है ? (2)

प्रश्न 6 आपके मतानुसार 'बड़े भाईसाहब' पाठ के नायक कौन हैं और क्यों ? (2)

प्रश्न 7 'संगठन में ही शक्ति है' विषय पर दिए गए संकेत बिंदुओं के आधार पर सुंदर अनुच्छेद लिखिए - **(3)**

1 भूमिका **2 सहयोग का भाव आवश्यक**

3 ਸੰਗਠਨ ਦੇ ਜੀਵਨ ਸੁਖਦ 4 ਉਪਸੰਹਾਰ

प्रश्न 8 अपने क्षेत्र में सार्वजनिक पुस्तकालय खोलने हेतु प्रार्थना करते हुए शिक्षा विभाग के सचिव को एक पत्र लिखिए। (3)

प्रश्न 9 'मैं और मेरी कलम' विषय पर 100 से 120 शब्दों में एक कहानी लिखिए। (3)

Subject- Mathematics

No. of questions: 20

Q.1 Without actually performing the long division, state whether the following rational numbers will have a terminating decimal expansion or a non-terminating repeating decimal expansion: (1)

(i) $13/3125$ (ii) $17/8$

Q.-2 The following real numbers have decimal expansions as given below. In each case, decide whether they are rational or not. If they are rational, and of the form, p/q what can you say about the prime factors of q ? (1)

(i) 43.123456789

(ii) 0.120120012000120000

Q-3. Find the value of “ p ” from the polynomial $x^2 + 3x + p$, if one of the zeroes of the polynomial is 2. (1)

Q-4. Does the polynomial $a^4 + 4a^2 + 5$ have real zeroes? (1)

Q-5. How many zeros does the polynomial $(x - 3)^2 - 4$ can have? (1)

Q-6. Find the quadratic polynomial if its zeroes are 0, $\sqrt{5}$. (2)

Q-7. Compute the zeroes of the polynomial $4x^2 - 4x - 8$. Also, establish a relationship between the zeroes and coefficients. (2)

Q-8 On dividing $x^3 - 8x^2 + 20x - 10$ by a polynomial $g(x)$, the quotient and the remainder were $x - 4$ and 6 respectively. Find $g(x)$. (2)

Q-9. A shopkeeper has 120 litres of petrol, 180 litres of diesel and 240 litres of kerosene. He wants to sell oil by filling the three kinds of oils in tins of equal capacity. What should be the greatest capacity of such a tin? (2)

Q-10 Prove that product of three consecutive positive integers is divisible by 6. (2)

Q-11. Prove that $(3 - \sqrt{5})$ is an irrational number. (2)

Q-12. Prove that if x and y are odd positive integers, then $x^2 + y^2$ is even but not divisible by 4. (2)

Q-13. Find the greatest number which divides 2011 and 2623 leaving remainders 9 and 5 respectively. (2)

Q-14. Show that every positive odd integer is of the form $(4q + 1)$ or $(4q + 3)$ for some integer q . (2)

Q-15. Find the smallest number which when increased by 17 is exactly divisible by both 520 and 468. (2)

Q-16. Prove that $4 - 5\sqrt{2}$ is an irrational number. (3)

Q-17 Write down the decimal expansions of the following rational numbers by writing their denominators in the form of $2^m \times 5^n$, where m, and n, are the non- negative integers. (3)

(i) $3/8$

(ii) $13/125$

(iii) $7/80$

Q-18 A mason has to fit a bathroom with square marble tiles of the largest possible size. The size of the bathroom is 10ft. by 8ft. What would be the size in inches of the tile required that has to be cut and how many such tiles are required? (3)

Q19. 15 pastries and 12 biscuit packets have been donated for a school fete. These are to be packed in several smaller identical boxes with the same number of pastries and biscuit packets in each. How many biscuit packets and how many pastries will each box contain? (3)

Q-20 If p, q are prime positive integers, prove that $\sqrt{p} + \sqrt{q}$ is an irrational number. (3)

Subject: Science

Objective:

- Ø Revision of concepts
- Ø Application of the concepts to real life situations.
- Ø Skills to carry out research work and develop scientific aptitude

Instructions:

- *Neatly write all the answers in your science notebook.
- *Attempt the questions keeping in mind the weightage of each question.
- *Assignment 'Summer Holiday Homework' will be created on TEAMS. PDF of handwritten work should be uploaded on it.

Worksheet 4- Physics





Let's Recapitulate!


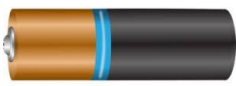
Q1. Watch the video using the link.

<https://www.youtube.com/watch?v=CXr9gFaeHgg>

Fill the table given below by identifying the components used in making the circuit shown in the video.

(1/2 x 3 =6)

S.No.	Component used in video	Name of the Component	Electric symbol
1			
2			
3			
4			

5			
6			

Q2. After watching the video, draw the corresponding circuit diagram using electric symbols of the components. (1)

Q3. Using the information collected above, draw the following circuit diagrams.

- a) A circuit with one cell and two bulbs.
- b) A circuit with two cells, one bulb and one switch.
- c) A circuit with one battery, two bulbs and one switch. (3)

Q4. Draw a circuit diagram with two batteries and three light bulbs. What will happen if:

- a) one bulb is removed from the circuit?
- b) one bulb in the circuit burns out?
- c) one more battery is added?
- d) one more bulb is added to the circuit? (4)

Q5. The picture given below shows fuses used in electrical appliances. What is the working principle of an electric fuse? (1)



Q6. Name any two characteristics of the material which is used to make an electric fuse. (1)

Q7. Trisha does not have a night lamp in her room. She covered the bulb of her room with a towel at night to get dim light. Has she taken the right step? Give reason to justify your answer. (2)

Q8. Name any two electrical devices from your surroundings (2)

- a) which produce heat that can be used our convenience.

b) which produce heat as a wastage of energy.

Q9. Why are compact fluorescent lamps (CFLs) preferred over electric bulbs? (2)

Q10. Complete the table given below. (3)

S.No.	Name of the Device	Heating Element	Resistivity of the heating element
1	Electric Bulb		
2	Electric Heater		
3	Electric Geyser		

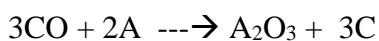
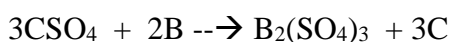
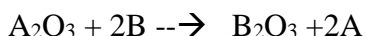
Worksheet 4-Chemistry

1. Why do gold and platinum do not corrode in moist air? (1)

2. Which of the following is a chemical change and why? (1)

- (i) Boiling of water to give water vapour
- (ii) Melting of ice to give liquid water
- (iii) Dissolution of salt in water
- (iv) Combustion of liquefied petroleum gas LPG

3. Observe the three chemical equations given below. Among the elements A, B and C, identify the element which is most reactive and which is least reactive? (1)



4. Using the chemical equation for electrolytic decomposition of water, differentiate between a skeletal chemical equation and a balanced chemical equation. (2)

5. Which of the following is an endothermic process / processes? (2)

- (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)

Justify your answer.

6. The following reaction is used for the preparation of oxygen gas in the laboratory:

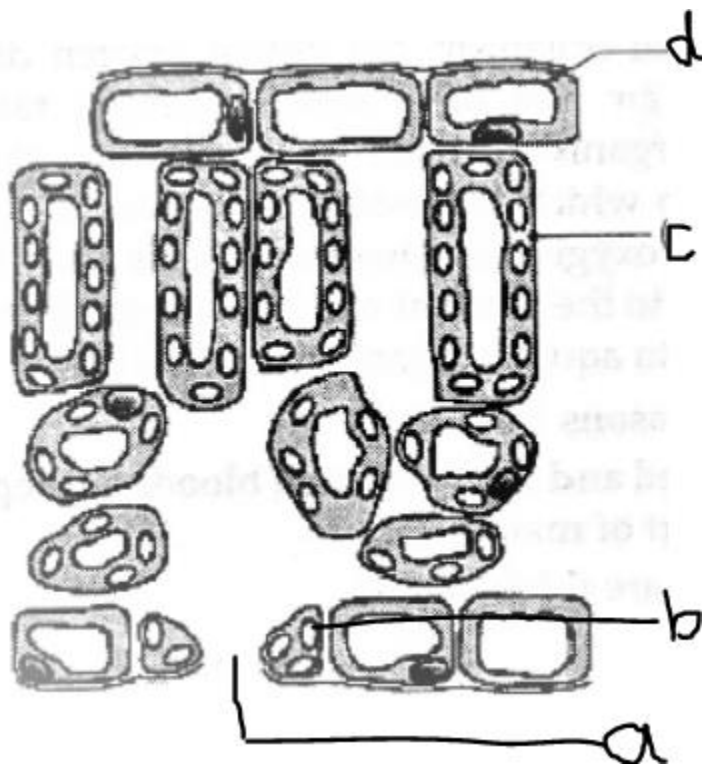


Which of the following statements is/are correct about the above reaction and why? (2)

- (i) it is a decomposition reaction and endothermic reaction in nature.
 - (ii) it is a combination reaction.
 - (iii) it is a decomposition reaction and accompanied by release of heat.
 - (iv) it is a photochemical decomposition reaction and exothermic in nature.
7. Zinc liberated hydrogen gas when reacted with dilute hydrochloric acid whereas copper does not. Explain why? Write the balanced chemical equation of zinc with dilute hydrochloric acid. Name any two more metals which liberate hydrogen gas with dilute hydrochloric acid? (3)
8. A silver article generally turns black when kept in the open for a few days. The article when rubbed with toothpaste again starts shining. Collect information and answer the following questions- (3)
- (i) Why do silver articles turn black when kept in the open for a few days? Explain with the help of chemical equation.
 - (ii) Identify the phenomenon involved.
 - (iii) Name the black substance formed and give its chemical formula.
9. Write an activity to show the double displacement reaction between sodium sulphate solution and barium chloride solution under the following sub-headings- Objective, Material required, Theory/Concept, Procedure, Observation, Conclusion with chemical reaction involved. (5)
10. Balance the following chemical equations- (5)
- (i) $\text{C}_2\text{H}_6 + \text{O}_2 \rightarrow \text{H}_2\text{O} + \text{CO}_2$
 - (ii) $\text{KOH} + \text{H}_3\text{PO}_4 \rightarrow \text{K}_3\text{PO}_4 + \text{H}_2\text{O}$
 - (iii) $\text{SnO}_2 + \text{H}_2 \rightarrow \text{Sn} + \text{H}_2\text{O}$
 - (iv) $\text{NH}_3 + \text{O}_2 \rightarrow \text{NO} + \text{H}_2\text{O}$
 - (v) $\text{KNO}_3 + \text{H}_2\text{CO}_3 \rightarrow \text{K}_2\text{CO}_3 + \text{HNO}_3$

Worksheet 4-Biology

1. Why does a piece of bread taste sweet when chewed for some time? (1)
2. State one difference between autotrophic and heterotrophic modes of nutrition. (1)
3. Cellulose acts as a roughage in man but serves as a source of nutrient in cow. Justify the statement. (2)
4. A gas is released during photosynthesis. Name the gas and also state the source from which the gas is evolved? (2)
5. Leaves of a healthy potted plant were coated with petroleum jelly. How will it affect the plant? State two reasons. (2)
6. How would it affect the digestion of proteins and carbohydrates if the duodenum of man if there is a blockade in the pancreatic duct? (2)
7. Write one feature which is common to each of the following pairs: (3)
 - i) glycogen and starch
 - ii) chlorophyll and haemoglobin
 - iii) Amylase and lipase
8. Explain an activity with diagram to show that chlorophyll is essential for photosynthesis. (3)
9. Where do plants get each of the raw materials required for photosynthesis? Explain. (4)
10. Study the diagram carefully and answer the following questions: (5)
 - i. Name the diagram given below?
 - ii. Identify the parts labelled
 - iii. What will happen if there is part 'c' is absent?
 - iv. What is the function of 'd' in the given diagram?



v.

Subject: Social Science**Worksheet-4-History****M.M.:20**

- Q1. A form of demonstration used in the Non-cooperation Movement in which people block the entrance to a shop, factory or office is 1
(a) Boycott (b) Begar (c) Picketing (d) Bandh
- Q2. Who formed the 'Swaraj Party' within the Congress? 1
(a) Jawahar Lai Nehru and Motilal Nehru (b) Abdul Ghaffar Khan and Mahatma Gandhi
(c) Jawahar Lai Nehru and Subhas Chandra Bose (d) C.R. Das and Motilal Nehru
- Q3. Where did Mahatma Gandhi start his famous 'Salt March' on 12th March 1930? 1
(a) Dandi (b) Chauri-Chaura (c) Sabarmati (d) Surat
- Q4. Which of the following was Mahatma Gandhi's novel method of fighting against the British? 1
(a) He used violent method of stone pelting. (b) He used arson to bum down government offices.
(c) He fought with the principle of 'an eye for an eye'.
(d) He practised open defiance of law, peaceful, demonstration, satyagraha and non-violence.
- Q5. Why did Non-cooperation Movement gradually slowdown in cities? Explain any two reasons. 2
- Q6. Describe any two suppressive measures taken by the British administration to clampdown on nationalists. 2
- Q7. What were the consequences of the First World War on India? 2
- Q8. "The plantation workers in Assam had their own understanding of Mahatma Gandhi and the notion of Swaraj." Support the statement with arguments. 2
- Q9. "The Civil Disobedience Movement was different from the Non-Cooperation Movement". Support the statement with examples. 3
- Q10. Simon Commission was greeted with slogan 'Go Back Simon' at arrival in India. Support this reaction of Indians with arguments. 5

Worksheet-4 -Political Science**M.M-20**

- Q.1 Which states have been created to recognize differences based on culture, ethnicity or geography? 1
- Q.2 What has been the main advantage of the constitutional status of the local government in India? 1
- Q.3 State any one feature that makes India a federal country. 1

- Q.4 What steps have been taken to make the third tier of democracy more powerful and effective?
Mention any two. 2
- Q.5 How can the fundamental provisions of the Indian constitution be changed? 2
- Q.6 If agriculture and commerce are state subjects why do we have ministers of agriculture and commerce in the Union Government? 2
- Q.7 Discuss the dual objectives of federalism. What are the two aspects that are crucial in the practice of federalism? 2
- Q.8 Compare the federations of coming together and holding together type. 2
- Q.9 What was the new culture of power sharing developed after 1990? 2
- Q.10 Explain democratic policies adopted by Government of India which made it a successful federation. 5

Worksheet-4 -Economics

M.M-20

- Q1 Which state of India has the lowest infant mortality rate? 1
- Q2. Name the report published by UNDP which compares countries based on the educational levels of the people, their health status and per capita income. 1
- Q3. What is the advantage of per capita income? Mention any one. 1
- Q4. Why is per capita income of different countries calculated in dollars and not in their own currencies by the World Bank? 2
- Q5. “Money cannot buy all the goods and services that one needs to live well” Do you agree with this statement? Justify your answer with any three suitable arguments. 2
- Q6. On what basis the rich and low-income countries have been categorized in the world? What are the limitations of this approach? According to the World Development Report, 2006, India comes in which category? Give reason for the same. 2
- Q7. Why do people look at a mix of goals for development? Explain. 2
- Q8. Explain with reasons why state of Punjab with a very high per capita income has a low literacy rate. 2
- Q9. Which three developmental goals will you like to prescribe for rural labourers? 3
- Q10. What does HDI stand for? Explain the main criteria of measuring HDI according to UNDP Report of 1990. 4

- Q1) The mangrove forest of Gangetic delta is called. 1
- A. Shola
 - B. Evergreen forest
 - C. Sundarbans forest
 - D. Kalinga
- Q2) In which year "Project Tiger" was launched in India. 1
- A. 1972
 - B. 1973
 - C. 1974
 - D. 1975
- Q3) Jim Corbett National park is in which state of India. 1
- A. Jharkhand
 - B. Uttarakhand
 - C. Bihar
 - D. West Bengal
- Q4) Keoladeo National Park, Rajasthan is famous for 1
- A. Lion
 - B. Bird Species
 - C. Tiger
 - D. Deer
- Q5) What is Joint Forest Management? 2
- Q6) Write a short note on Himalayan Yew. 2
- Q7) What do you understand by endemic species? Give two examples. 2
- Q8) What are rare species? 2
- Q9) Expand the following: IUCN, JFM and unclassed forest 3
- Q10) Describe how communities have conserved and protected forests and wildlife in India. 5

Subject: Information Technology

I Multiple Choice Questions:

1x5=5

- 1 Writer prompt you to confirm delete while deleting Table of Content. (T/F)
 - a. True
 - b. False
- 2 Mail Merge involves merging of
 - a. two documents
 - b. two mails
 - c. both of the above
 - d. None of the above
- 3 We can add a graphic in the background of Table of Content. (T/F)
 - a. True
 - b. False
- 4 The E# button in Entries tab of Insert Index / Table represent.
 - a. Entry Text
 - b. Chapter number
 - c. Tab Stop
 - d. Page Number
- 5 The “LS” button in Entries tab of Insert Index / Table represent
 - a. End of a hyperlink
 - b. Left Side
 - c. Start of a hyperlink
 - d. Page number

II Answer the following:

1. In the Indexes and Tables tab explain the following attributes: 1x3=3
 - a) Adding A Title
 - b) Protecting Against Manual Changes
 - c) Changing the Number of Levels
2. What are templates? What are the advantages of using templates? 1+2=3
3. Give three examples of databases in which the Data Source can be created. 1x3=3
4. Explain any four Graphic filters. 1x4=4
5. Define the following styles in reference to Writer. 2+2=4
 - a. Paragraph style
 - b. Character style