



St. Mary's School, Dwarka

Holiday Homework 2026

Class: IX

Worksheet 2

Subject: English

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The questions given are to be done in your respective subject notebooks.
- 3) Attempt all questions.

No. of Questions: 9

M.M.: 25

Q1. Read the given passage and answer the questions that follow:

(5)

The phenomenon of 'doomscrolling' has become increasingly prevalent among teenagers and young adults in the digital age. Doomscrolling refers to the habit of continuously scrolling through distressing, sensational, or negative news on social media and online platforms for prolonged periods, even when it begins to affect one's mental well-being. Many members of Generation Z, who have grown up surrounded by smartphones and constant internet access, often find themselves trapped in this exhausting cycle without fully recognizing its consequences. Although social media enables people to remain informed about global events, it can also overwhelm users with an incessant stream of alarming headlines, controversies, and emotionally charged content.

Psychologists suggest that doomscrolling is closely linked to human curiosity and the brain's instinctive desire to remain alert to potential threats. During periods of uncertainty, individuals may compulsively seek updates in an attempt to regain a sense of control. However, instead of providing reassurance, excessive exposure to disturbing information frequently intensifies feelings of anxiety, helplessness, and exhaustion. Many young people report experiencing difficulty concentrating on studies, disrupted sleep patterns, and reduced productivity after spending excessive time consuming negative online content. Ironically, although users often recognize that doomscrolling is emotionally draining, they continue engaging in the behavior due to the addictive nature of social media algorithms. Another significant issue is the rapid dissemination of misinformation. Sensationalized posts, manipulated images, and exaggerated claims spread quickly because emotionally provocative content attracts more attention and engagement. Consequently, users may struggle to distinguish reliable information from fabricated narratives. This not only creates confusion but may also contribute to unnecessary panic and social division. Experts argue that constant exposure to curated digital realities can distort people's perceptions of the world, making society appear far more dangerous or hopeless than it truly is.

Std. IX Worksheet 2

Nevertheless, mental health specialists emphasize that social media itself is not inherently harmful; rather, the manner in which individuals consume content determines its impact. Developing mindful digital habits—such as limiting screen time, verifying sources, engaging in outdoor activities, and taking regular breaks from social media—can significantly improve emotional well-being. Many teenagers are now advocating for ‘digital detoxes’ and healthier online routines to restore balance in their lives. In an era dominated by screens and notifications, learning to manage digital consumption wisely may be essential for maintaining both mental peace and intellectual clarity.

i. What can be inferred about doomscrolling from the passage?

Doomscrolling _____

- a.helps teenagers improve their concentration and productivity.
- b.often continues despite users being aware of its harmful effects.
- c.is mainly practiced by elderly people unfamiliar with technology.
- d. eliminates anxiety during uncertain situations.

ii. Which statement best reflects the author’s critical perspective on social media algorithms?

- a.Social media platforms primarily encourage healthy emotional habits.
- b.Algorithms promote only reliable and educational information.
- c. Algorithms can intensify negative emotions by showing distressing content.
- d. Social media has no influence on people’s perception of reality.

iii. Which word from the passage is closest in meaning to ‘spread’?

- a.intensifies
- b.dissemination
- c.fabricated
- d. curated

iv.Why do psychologists believe people continue doom scrolling even when it negatively affects them?

v. How can mindful digital habits improve a person’s emotional well-being?

Q2. You are disturbed by the increasing stress and anxiety faced by students due to academic pressure and competition. Write a letter to the Editor of a newspaper in about 100-120 words expressing your concerns. Mention the causes of stress among students and suggest how schools and parents can help create a healthier and more supportive learning environment. (3)

Q3. Complete the given sentences using suitable words: (2)

- i. Not only the students but also the coach _____ responsible for the delay. (were / was)
- ii. The jury _____ divided in their opinions regarding the verdict. (is / are)
- iii. A great deal of patience and perseverance _____ required to master classical music.(is / are)
- iv. No less than fifty pages of the manuscript _____ missing from the archive. (was/were)

Std. IX Worksheet 2

Q4.A. Identify the error in the given sentences and write the correction. (2)

i. The campaign’s focus is on reduce sugar intake among children by promoting healthier snacks.

ERROR	CORRECTION

ii. The relationships of the country’s inflation rate and GDP growth was analysis.

ERROR	CORRECTION

B. Select the option that identifies the error and supplies the correction.

a. Your e-mail address can only be recorded if you choose to send a message. It will not be used for any other purpose, and will not be disclosed without your consent.

ERROR	CORRECTION
(i) can	will
(ii) choose	chooses
(iii) purpose	purposes
(iv) for	of

b. The children cheers loudly when their captain scored the winning goal.

ERROR	CORRECTION
(i) cheers	cheered
(ii) when	by
(iii) scored	scoring
(iv) winning	winner

Q5. What effect do the repeated references to ‘ours’ create in the poem ‘Bharat Our Land?’ (2)

Q6. How does Arenla represent the struggles connected with traditional occupations? (2)

Q7. How does the poet elevate ordinary workers in the poem? (2)

Q8. How does the poet celebrate India’s greatness through references to nature, culture, and spirituality? (3)

Q9. Research on any one lesser-known place of India that deserves greater recognition for its beauty, history, culture, or uniqueness. Use an A3 size sheet creatively and include the following:

- a) Title: Hidden Gem of India
- b) Pictures / illustrations
- c) Description of the place in about 100–150 words covering the undermentioned pointers:
 - Location (state)

Std. IX Worksheet 2

- Why is it special?
- historical/cultural importance
- famous attractions
- interesting facts

Subject: Hindi

निर्देश — 1 दिए गए सभी प्रश्नों के उत्तर हिन्दी की उत्तर पुस्तिका में लिखिए।

2 कार्य स्वच्छ शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 निम्नलिखित गद्यांश पर आधारित प्रश्नों के उत्तर निर्देश के अनुसार दीजिए:

(1×5 = 5)

हमारे देश में बड़ी संख्या में धार्मिक समूहों के रहने के कारण भारतीय विरासत और संस्कृति विशाल और ज्वलंत है। हर समुदाय के अपने रीति-रिवाजों और परंपराओं का एक समूह होता है, जो अपनी युवा पीढ़ी को सौंपता है। हालाँकि, हमारे कुछ रीति-रिवाज और परंपराएँ पूरे भारत में समान हैं। हमारी परंपराएँ हमें अच्छी आदतों को अपनाने और हमें एक अच्छा इंसान बनाने की शिक्षा देती हैं। हमारी सांस्कृतिक विरासत इस प्रकार हमारी पुरानी पीढ़ी का एक सुंदर उपहार है जो हमें एक बेहतर इंसान बनने और एक सामंजस्यपूर्ण समाज बनाने में मदद करेगा। बुजुर्गों को युवा पीढ़ी में भारतीय विरासत के प्रति प्रेम को जागृत करने की जिम्मेदारी लेनी चाहिए। यह शुरू से ही किया जाना चाहिए तभी हम अपनी समृद्ध विरासत को संरक्षित कर सकते हैं। युवा पीढ़ी में भारतीय विरासत के लिए प्रेम का आह्वान करना बड़ों का कर्तव्य है। यह शुरू से ही किया जाना चाहिए तभी हम अपनी समृद्ध विरासत को संरक्षित कर सकते हैं। स्कूलों को छात्रों को भारतीय विरासत के बारे में सिखाना चाहिए और उन्हें इसे संरक्षित करने के महत्व को भी साझा करना चाहिए। इससे उनके अंदर गर्व की भावना लाने में मदद मिलेगी और वे परंपरा को जारी रखने के लिए प्रेरित होंगे और नई पीढ़ी के लिए भी इसे पारित करेंगे। इसके लिए शिक्षकों के साथ-साथ अभिभावकों के सामूहिक प्रयास की जरूरत है। भारतीय साहित्य अपनी संस्कृति जितना समृद्ध है। हमारे पास प्राचीन काल से कई विषयों पर विभिन्न पुस्तकें लिखी गई हैं। हमारे पास वैदिक साहित्य, महाकाव्य संस्कृत साहित्य, क्लासिक संस्कृत साहित्य और पाली साहित्य अन्य प्रकार के भारतीय साहित्य हैं। पाठकों की अधिक संख्या तक पहुँच प्रदान करने के लिए हमारी कई पुस्तकों का अन्य भाषाओं में अनुवाद किया जा रहा है ताकि अधिक से अधिक लोग ज्ञान का लाभ उठा सकें। इस तरह के अद्भुत और समृद्ध साहित्य को किसी भी कीमत पर संरक्षित किया जाना चाहिए।

(i) भारतीय विरासत के प्रति प्रेम को जागृत करने की जिम्मेदारी किसे लेनी चाहिए?

- (क) वृद्धों को
- (ख) स्त्रियों को
- (ग) युवाओं को
- (घ) बच्चों को

(ii) हमारी पुरानी पीढ़ी द्वारा हमें दिया हुआ एक सुंदर उपहार क्या है ?

- (क) संस्कृत साहित्य
- (ख) ऐतिहासिक इमारतें
- (ग) धन - धान्य
- (घ) सांस्कृतिक विरासत।

(iii) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़िए तथा दिए गए विकल्पों में से कोई एक सही विकल्प चुनकर लिखिए।

कथन (A) भारतीय विरासत और संस्कृति विशाल और ज्वलंत है।

कारण (R) भारत में बड़ी संख्या में विभिन्न धार्मिक समूह रहते हैं।

- 1 कथन (A) तथा कारण (R) दोनों गलत हैं।
- 2 कथन (A) गलत है परन्तु कारण (R) सही है।
- 3 कथन (A) सही है परन्तु कारण (R) गलत व्याख्या करता है।
- 4 कथन (A) सही है और कारण (R) कथन की सही व्याख्या करता है।

(iv) छात्रों को भारतीय विरासत के बारे में सिखाने और उन्हें इसे संरक्षित करने के महत्त्व को बताने के क्या लाभ हैं?

(v) "समृद्ध साहित्य को किसी भी कीमत पर संरक्षित किया जाना चाहिए." एक विद्यार्थी- के रूप में आप अपनी सांस्कृतिक विरासत को बचाने के लिए क्या कदम उठा सकते हैं?

निम्नलिखित प्रश्नों के उत्तर निर्देश के अनुसार दीजिए: (1×5 = 5)

प्रश्न 2 (क) रामायण एक पवित्र ग्रंथ है। इस वाक्य में 'रामायण' ————— संज्ञा है। रिक्त स्थान की पूर्ति उचित संज्ञा के भेद से कीजिए।

(ख) कश्मीर की ————— देखकर मन प्रसन्न हो गया। (सुंदर)

प्रश्न 3 मध्यम पुरुषवाचक 'आप' और निजवाचक 'आप' के प्रयोग में क्या अंतर है? वाक्यों के माध्यम से समझाइए।

प्रश्न 4 'दो बैलों की कथा' पाठ के आधार पर 'शत्रु' शब्द के दो समानार्थी शब्द लिखिए।

प्रश्न 5 निम्नलिखित शब्दों में से मूल शब्द व उपसर्ग को अलग करके लिखिए:

(क) समुचित (ख) संदर्भ

प्रश्न 6 निम्नलिखित शब्दों में से मूल शब्द व प्रत्यय को अलग करके लिखिए :

(क) नैतिक (ख) कठिनाई

प्रश्न 7 निम्नलिखित प्रश्नों के उत्तर दीजिए —

(क) गया के घर से भागने और सांड से लड़ने में बैलों के ————— आ गया।

उचित मुहावरे से रिक्त स्थान की पूर्ति कीजिए।

(ख) ईट का जवाब पत्थर से देना इस मुहावरे का क्या अर्थ होगा ?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए —

(2×2= 4)

(क) निबंध के अनुसार, "लेखन केवल शब्दों का जाल नहीं, बल्कि विचारों की अभिव्यक्ति है।" एक विद्यार्थी के रूप में आप अपने विचारों की स्पष्टता को क्यों महत्वपूर्ण मानते हैं?

(ख) पाठ में 'तरुणों' (युवाओं) और 'वृद्धों' के बीच के वैचारिक मतभेद को दर्शाया गया है। आपके अनुसार इन दोनों पीढ़ियों के बीच सामंजस्य कैसे बिठाया जा सकता है?

प्रश्न 9 अपने बड़े भाई को उसकी बारहवीं की परीक्षा में अच्छे अंक लाने पर बधाई देते हुए लगभग 100 शब्दों में पत्र लिखिए।

(5×1=5)

प्रश्न 10 रैदास के किसी एक पद को लिखते हुए दो बैग बनाइए।

(5×1=5)

Subject: Mathematics

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions are to be done in the Math notebook.
- 3) Attempt all questions.

Q1 Write two equivalent fractions of $\frac{2}{5}$. (2)

Q2 Calculate the following using Brahmgupta's laws:

i) $(-15) \times 7$ ii) $(-9) \times (-3)$ (2)

Q3 Ria purchased 3 chocolates for ₹22.50 from a grocery shop. How many chocolates she can purchase if she had ₹195? (2)

Q4 If $p\left(\frac{a}{3}, 4\right)$ is the mid point of the line segment joining the points $Q(-6,5)$ and $R(-2,3)$, then what is the value of a ? (2)

Q5 Without plotting the points indicate which quadrant/axis these coordinates will lie on: (2)

- (i) ordinate is 5 and abscissa is -3 (ii) abscissa is 0 and ordinate is -3
(iii) abscissa is -3 and ordinate is -2 (iv) ordinate is 0 and abscissa is -2 .

Q6 Determine that the points $A(-3,5)$, $B(-2,-5)$ and $C(5,7)$ are collinear or not. (3)

Q7 What are the coordinates of point B, if $M(-7,1)$ is the midpoint of $A(3,-4)$ and $B(x,y)$? (3)

Q8 Draw the graph of the following set of lines. Reflect on the role of 'a' and 'b'. (3)

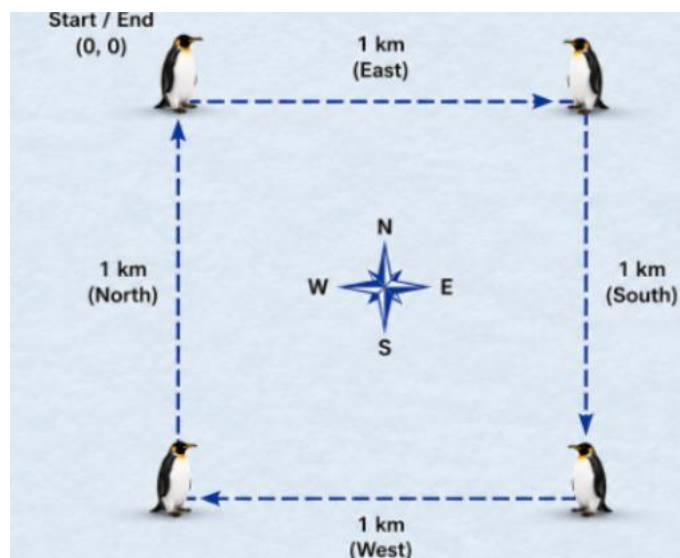
$$Y = -3x - 3, \quad y = -2x = 2, \quad y = 2x + 3$$

Q9 Show that the points $A(-5,6)$, $B(3,0)$, $C(9,8)$ are the vertices of an isosceles triangle. (3)

Q10 If you have ₹ 1000 and you save ₹ 350 every month, find the amount you have after

- (i) 6months
- (ii) 2years .
- (iii) Express this as a linear pattern. (3)

Std. IX Worksheet 2



Q5. During the crystallisation of copper sulphate, a student prepares a saturated solution of copper sulphate in hot water and filters it. The clear solution is then left undisturbed for several hours. after some time, blue crystals appear in the beaker while impurities remain behind.

- Why is crystallisation used in this process? (1)
- Explain how change in temperature affects the solubility of copper sulphate and helps in the formation of crystals. (1)

Q6. A metro train is moving at a speed of 30m/s. As it approaches a station, the driver applies the brakes and the train comes to rest uniformly in 10 seconds. (1+2)

- Calculate the retardation of the train.
- Find the distance covered by the train before it stops.

Q7. People often consume glucose-based energy drinks during summer or after physical activity because glucose is a simple sugar that provides instant energy to the body. However, consuming drinks with very high sugar concentration may not always be a healthy choice.

Two brands of packaged energy drinks are available in a store:

***Brand A** contains 18 g glucose in 300 mL solution.

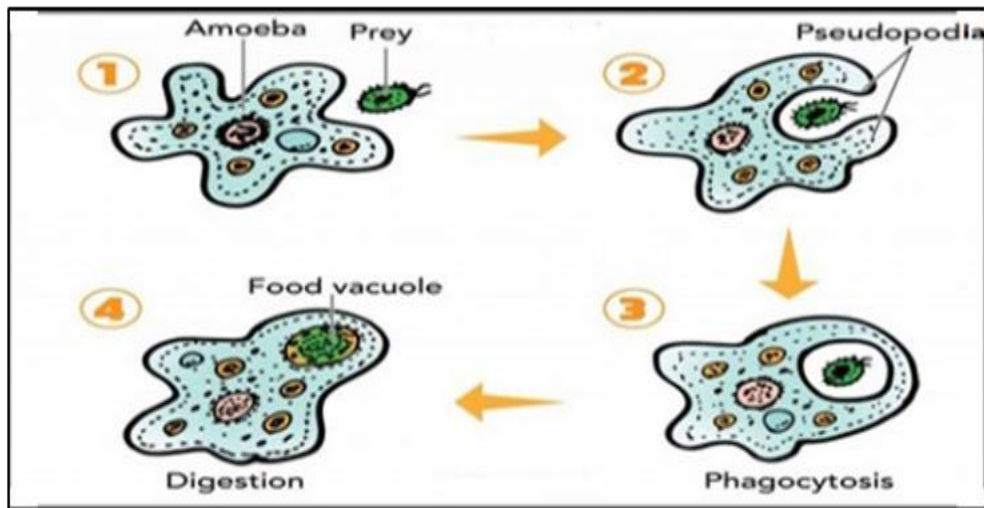
***Brand B** contains 12 g glucose in 150 mL solution.

A customer compares both drinks before purchasing them.

- Calculate the concentration of glucose (sugar) in both Brand A and Brand B in terms of mass by volume percentage.
- Which brand contains more sugar concentration? Suggest which drink would be a wiser choice for a person trying to reduce sugar intake and justify your answer. (2+1)

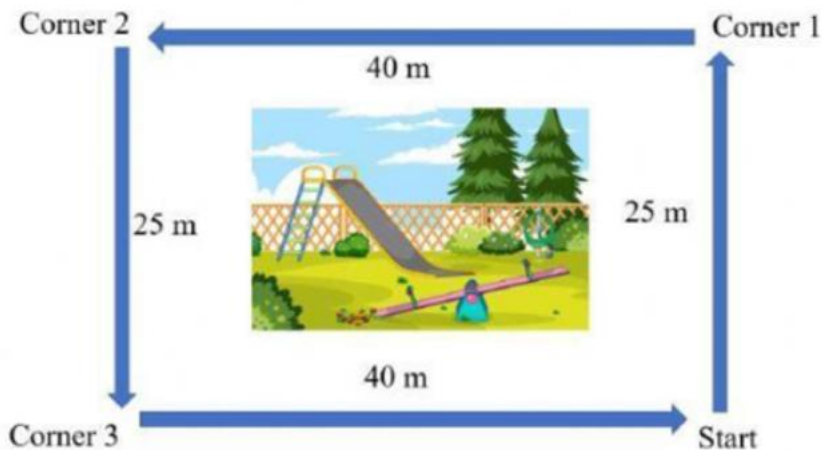
Std. IX Worksheet 2

Q8. (a) Observe the diagram carefully and explain how flexible nature of plasma membrane is useful for amoeba? Name this process. (3)



(b) Name the cell organelle which is called the “waste disposal system of the cell” and why? Explain its structure and site of synthesis.

Q9. During the school sports period, a girl was walking around a rectangular playground. She started from the southeast corner of the playground. First, she walked to Corner 1, then to Corner 2, then to Corner 3, and finally returned to the starting point. (4)



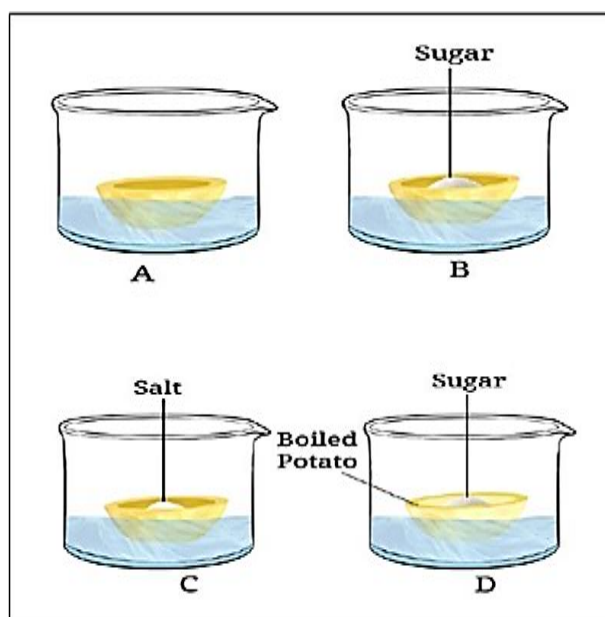
Based on her movement around the playground, complete the following :

Path of travel	Distance (m)	Displacement (m)
Start → Corner 1	<input type="text"/>	<input type="text"/>
Start → Corner 2	<input type="text"/>	<input type="text"/>
Start → Corner 3	<input type="text"/>	<input type="text"/>
Start → Start	<input type="text"/>	<input type="text"/>

Std. IX Worksheet 2

Q10. Take four peeled potato halves and scoop each one out to make potato cups. One of these potato cups should be made from a boiled potato. Place each of the potato cups in a beaker containing water. Now, set up the experiment as follows: (5)

- Keep Cup A empty.
- Add one teaspoon sugar in Cup B.
- Add one teaspoon salt in Cup C.
- Add one teaspoon sugar in the boiled potato in Cup D.



Observe the four potato cups at least two hours and answer the following questions:

- Explain why water gathers in the hollowed portion of Cup B and Cup C.
- Why is Cup A necessary for this experiment?
- Explain why water does not gather in the hollowed portions of Cups A and D.
- If Cup C contains more salt than Cup B contains sugar, predict which cup will collect more water. Give a reason.
- What conclusion can be drawn about the movement of water through potato tissue from this

Std. IX Worksheet 2

Subject: Social Science

General Instructions:

The work should be done neatly and systematically.

The given questions are to be done in your respective subject notebooks.

No. of questions: 10

M.M. 25

- | | |
|---|---|
| Q1. Define opportunity cost. | 1 |
| Q2. Write two important changes that took place in the Neolithic Age. | 2 |
| Q3. Explain how weathering and erosion together help in shaping landforms over millions of years. | 2 |
| Q4. Riya observed that cracks in rocks in a cold region became wider after snowfall. Which process is responsible for this change? Explain. | 2 |
| Q5. Is opportunity cost always mandatory? Explain briefly. | 2 |
| Q6. How can cutting down forests increase the chances of erosion and landslides? | 2 |
| Q7. Write a note on Panchayati Raj. | 3 |
| Q8. Differentiate between direct democracy and representative democracy. | 3 |
| Q9. What are the three broad economic processes studied by economists? | 3 |
| Q10. Create a scrapbook/portfolio on the technological advancements made by early humans, showing the journey from using raw stones to making polished and standardized tools. Include pictures/drawings of tools from the Palaeolithic, Mesolithic, and Neolithic Ages along with short descriptions of their uses and importance. Decorate your scrapbook creatively with timelines, labels, and illustrations. | 5 |

Subject: Artificial Intelligence

General Instructions:

- **The work should be done neatly and systematically.**
- **The given questions are to be done in your fair notebook.**

No. of questions: 10

M.M. 25

Choose the correct options

(1x8=8)

1. Which term is directly referred to as self-management?

- a) Emotions, behaviour and thoughts
- b) Self-regulation
- c) Self-control
- d) Motivation

2. Self-management is most useful in _____.

- a) Reaching goals
- b) Overcoming bad habits
- c) Creating positive habits
- d) Managing time

3. Which of the following is a self-management skill?

- a) Self-motivation
- b) Cooking skills
- c) Driving skills
- d) Dancing skills

4. Identifying strengths mainly involves _____.

- a) Thinking about what you do well
- b) Accepting feedback
- c) Pointing out areas of struggle
- d) Ignoring weaknesses

5. Identifying weaknesses mainly involves _____.

- a) Pointing out areas of struggle
- b) Celebrating achievements
- c) Focusing only on strengths
- d) Avoiding feedback

6. Awareness of values, likes, dislikes, strengths, and shortcomings denotes:

- a) Self-Confident
- b) Self-Control
- c) Self-Motivated
- d) Self-Aware

7. Believing in yourself that you can do any task is:

- a) Self-control
- b) Self-awareness
- c) Self-confidence
- d) Positive thinking

8. The process of deciding specific targets and setting a deadline to achieve them is known as:

- a) Decision making
- b) Scheduling

Std. IX Worksheet 2

c) Goal planning

d) Goal setting

9. Fill in the blanks.

(1x7=7)

i) _____ are the things that we enjoy doing.

ii) _____ is an acquired capacity that enables an individual to perform a particular job with considerable proficiency.

iii) Managing time effectively helps reduce _____ and increases productivity.

iv) A _____ mindset helps a person focus on solutions rather than problems.

v) The planning of tasks according to priority is a part of good _____ management.

vi) The motivation that comes from within a person is called _____ motivation.

vii) Setting clear and achievable targets is known as _____.

10. **Answer the following questions.**

(2x5=10)

i) What is self-management?

ii) List the any 4 techniques used to release stress.

iii) Differentiate between strengths and weaknesses. Give examples to support your answer.

iv) Mention any four habits that help maintain personal hygiene.

v) Explain the following ; a) Self-Grooming b) Positive Thinking

Subject: Home Science

General Instructions:

- The work should be done neatly and systematically.
- The given questions are to be done in your fair notebook.

No. of questions: 10

M.M. 25

Q1. Which gas is commonly used fuel in urban kitchens?

1

- a) CNG
- b) Biogas
- c) Firewood
- d) LPG

Q2. Idli can be prepared by the method of _____.

1

- a) Steaming
- b) Grilling
- c) Roasting
- d) Frying

Q3. _____ is a resource that is available to all humans in equal amount.

1

- a) Skill
- b) Time
- c) Energy
- d) Art

Q4. Read the statements carefully.

1

- i. When food is cooked in a hot chamber, it is called baking.
- ii. When food is cooked on a hot flame, it is called steaming.
- iii. When food is cooked by dipping it in hot oil, it is called deep frying.
- iv. When food is cooked with water vapour, it is called solar cooking.

Choose the correct option from the following-

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

Q5. _____ are also called as amino acids.

1

- a) carbohydrates
- b) proteins
- c) fats
- d) none of the above

Q6. Which of the following are the common elements essential to the family?

1

- a) Economic interdependence
- b) Common culture or religion.
- c) Common language
- d) All statements are correct.

Std. IX Worksheet 2

Q7. Very short answer type questions-

(5x1= 5)

- I. At what age do children usually start getting their first tooth?
- II. Who quoted 'Children learn by what they live'?
- III. In which of the regions the matriarchal family is found?
- IV. Name two factors that can affect growth and development?
- V. Write down any one feature of development?

Q8. Short answer type questions-

(2x2= 4)

- I. How does a single-parent family differ from other family types?
- II. Discuss the changing trends in family structures in modern society.

Q9. Prepare your favourite cake, idli or dhokla, with any elder's assistance and record your observations in your activity file. Give the name of the procedure used to make these foods and describe how it works.

5

Q10. Observation of developmental milestones in a Toddler 1–2-year-old child.

5

Skill	Yes	No
Can take off an article of clothing		
Can get up off the floor without having to use his hands		
Can pull a toy by walking backwards		
Can run in a direction with accuracy and stop when he needs to		
Can walk downstairs while holding onto the banister by placing both feet on each step		
Can push buttons and turn knobs		
Able to recognise the names of familiar people and objects		
Show greater independence		

Subject: Indian Music

General Instructions:

- The work should be done neatly and systematically.
- The given questions are to be done in your fair notebook.

No. of questions: 7

M.M. 10

1. What is a Swara? (1)
2. Name the seven basic swaras. (2)
3. What is meant by Shuddha Swar? (1)
4. Define Vikrit Swara. (1)
5. Name the two types of Vikrit Swaras. (1)
6. What is a Saptak? Name its three types. (2)
7. Fill in the blanks: (2)
 - a) Komal swaras are _____ in pitch.
 - b) Tivra swara is _____ in pitch.
 - c) The middle octave is called _____ Saptak.
 - d) “Sa” and “Pa” are always _____ swaras.

Subject: Painting

Still Life Composition Drawing

(2x10=20)

Create two different still life compositions, each containing at least three objects arranged thoughtfully. Students should observe the objects carefully and draw them with proper shape, proportion, shading, texture, light, and shadow to create a realistic effect.

Guidelines:

- * Each composition must include minimum 3 objects of different shapes and sizes.
- * Objects may include:
 - * Fruits and vegetables
 - * Bottles, cups, vases, or bowls
 - * Books, boxes, or stationery items
 - * Flowers, fabric, or decorative objects
- * Arrange the objects creatively to show balance and depth.
- * Focus on:
 - * Correct proportions
 - * Overlapping and placement
 - * Light source and shadows
 - * Tonal shading and textures
- * Use pencils/colour pencils according to the teacher's instructions.
- * Keep the composition neat and well-finished.