



St. Mary's School, Dwarka

Holiday Homework 2026

Class: IX

Worksheet 1

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)

Fast fashion has revolutionized the clothing industry by making trendy garments available at astonishingly low prices and remarkable speed. Every few weeks, shop windows and online platforms unveil fresh collections inspired by celebrities, social media influencers, and international fashion shows. For many teenagers, this constant stream of affordable apparel appears irresistible because it allows them to experiment with styles without spending exorbitant amounts of money. However, beneath the glamorous facade of fast fashion lies a deeply concerning reality that often remains concealed from consumers.

The fast fashion industry depends upon rapid production and mass consumption. To satisfy the relentless demand for new designs, factories frequently manufacture clothes in enormous quantities using inexpensive synthetic fabrics and low-cost labor. Unfortunately, this process exerts immense pressure on natural resources. Large volumes of water are consumed during textile production, while toxic dyes and chemicals often contaminate rivers and soil. Moreover, synthetic materials such as polyester release microscopic plastic particles into oceans whenever they are washed, thereby endangering marine ecosystems. Environmentalists warn that if these practices continue unchecked, the ecological repercussions could become catastrophic.

Another disturbing aspect of fast fashion concerns labor conditions. Workers in certain factories endure grueling hours, inadequate wages, and unsafe environments merely to produce inexpensive garments for global markets. Consumers rarely contemplate the human effort behind the attractive price tags displayed in shopping malls. Furthermore, fast fashion has cultivated a “throwaway culture” in which clothes are discarded after only a few uses because trends change rapidly. Mountains of textile waste accumulate in landfills each year, intensifying pollution and contributing to climate change.

Nevertheless, awareness regarding sustainable fashion is gradually increasing. Many young people are now embracing practices such as recycling clothes, purchasing durable garments, and supporting ethical brands that prioritize fair wages and environmentally responsible manufacturing. Some individuals even exchange or upcycle old clothing to reduce waste creatively. Although fast fashion

Std. IX Worksheet 1

offers convenience and affordability, responsible consumer choices can help society move towards a more sustainable and compassionate future.

i. What can be inferred about the popularity of fast fashion among teenagers?

The teenagers _____

- a. prefer fast fashion mainly because expensive brands are unavailable
- b. are attracted to fast fashion as it combines affordability with changing trends
- c. purchase fast fashion only for environmental awareness campaigns
- d. avoid fast fashion because they dislike experimenting with styles

ii. Which statement best reflects the author's critical view of fast fashion?

- a. Fast fashion is entirely beneficial because it creates employment opportunities.
- b. The disadvantages of fast fashion are insignificant compared to its affordability.
- c. Fast fashion encourages harmful environmental consequences despite convenience.
- d. The author believes consumers should completely stop buying clothes.

iii. Which of the following statements is **NOT TRUE** about the word 'grueling' as used in the passage?

- a. It suggests something extremely tiring and exhausting.
- b. It describes work that demands great physical effort.
- c. It refers to a pleasant and relaxing experience.
- d. It conveys the idea of difficult working conditions.

iv. Why does the author describe fast fashion as a 'throwaway culture'?

v. Which word from the passage is closest in meaning to 'disastrous'?

- a. irresistible
- b. concealed
- c. catastrophic
- d. sustainable

Q2. Write a descriptive paragraph in 100 -120 words on Bismillah Khan using the hints given below.

(3)

Bismillah Khan learnt from uncle Ali Bux Vishnu temple of Banaras Balaji and Mangla Maiya temples on Ganga — favourite places for Bismillah — selected for All India Radio (1938) — honour of playing shehnai on 15th August 1947 — 'Gunj Uthi Shehnai film — songs famous — performed in USA, Canada, etc. — fond of Benaras- symbol of India's composite culture — awarded Bharat Ratna in 2001.

Std. IX Worksheet 1

Q3. Select the correct option and complete the given sentences.

(2)

- a. The ancient library _____ silently at the heart of the city, preserving centuries of knowledge within its towering walls. (stand / stood)
- b. Each of the boys _____ rewarded. (was/were)
- c. Last week it _____ heavily and my house was flooded with water. (rained/had rained)
- d. Attached is the new company policy on remote work and _____ should be distributed to all employees as soon as possible. (it/these)

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

(2)

- i. There's a significant correlation of low income and high income crime rates.

ERROR	CORRECTION

- ii. World Wide Travels Pvt. Ltd. Beaspur, Sewana For travel informations, contact the twenty four help-desk.

ERROR	CORRECTION

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

- i. The study examines the association among exposure to sunlight and Vitamin D levels in the body.

ERROR	CORRECTION
(i) examines	examine
(ii) to	for
(iii) among	between
(iv) levels	level

Std. IX Worksheet 1

ii. Whoever drove a motor vehicle without a safety belt or carries passengers without seat belts will be fined.

ERROR	CORRECTION
(i) drove	drives
(ii) or	nor
(iii) without	within
(iv) fined	celebrated

Q5. Why did the grandmother compare herself to a 'blind person' during the narrator's absence in the story 'How I Taught My Grandmother to Read?' (2)

Q6. How does the poet connect India's natural beauty with its spiritual greatness? (2)

Q7. Why did Sentila remain deeply attracted to pottery despite her mother's objections? (2)

Q8. How does the story highlight the transformative power of education and the relationship between dignity and independence? (3)

Q9. Create a scrapbook /file/folder titled '**A Potter's Page**'. Include the following: (4)

- quotes
- five enriched words related to pottery with their meanings
- pictures related to pottery
- paragraph on life and struggles of a potter
- learnings from a potter's life
- benefits of using earthen pots.

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)

"वृक्ष हमारे जीवन के सच्चे रक्षक और आधार हैं। वे न केवल हमें प्राणवायु (ऑक्सीजन) प्रदान करते हैं, बल्कि वातावरण से हानिकारक कार्बन डाइऑक्साइड को भी सोख लेते हैं। प्रकृति का संतुलन बनाए रखने में वनों का बहुत बड़ा योगदान है। वृक्षों के बिना पृथ्वी के तापमान में लगातार वृद्धि हो रही है, जिसे हम 'ग्लोबल वार्मिंग' के रूप में जानते हैं। वृक्ष हमें फल, फूल, औषधियाँ और लकड़ियाँ तो देते ही हैं, साथ ही वे मिट्टी के कटाव को रोकने में भी सहायक होते हैं। पशु-पक्षियों के लिए वृक्ष ही उनका घर होते हैं। वर्तमान समय में बढ़ते शहरीकरण के कारण जंगलों की अंधाधुंध कटाई हो रही है, जिससे वन्य जीवों का अस्तित्व खतरे में पड़ गया है। यदि हमें आने वाली पीढ़ियों को एक स्वस्थ वातावरण देना है, तो हमें अधिक से अधिक वृक्षारोपण करना होगा और वनों को बचाना होगा।" वर्तमान समय में बढ़ते शहरीकरण और औद्योगिक विस्तार के कारण जंगलों की अंधाधुंध कटाई हो रही है, जिससे न केवल वन्य जीवों का अस्तित्व खतरे में पड़ गया है, बल्कि मानव जीवन पर भी इसके विनाशकारी प्रभाव दिखने लगे हैं। अनियंत्रित रूप से कटते वन सूखे, बाढ़ और असमय होने वाले जलवायु परिवर्तनों का मुख्य कारण बन रहे हैं। वृक्षों की जड़ें मिट्टी को मजबूती से पकड़कर रखती हैं, जिससे उपजाऊ मिट्टी बहने से बच जाती है। जब हम वनों को नष्ट करते हैं, तो हम अनजाने में अपनी आने वाली आपदाओं का मार्ग प्रशस्त करते हैं। प्राचीन भारतीय संस्कृति में वृक्षों को देवताओं के समान पूजनीय माना गया है। पीपल, बरगद और नीम जैसे वृक्षों का धार्मिक और स्वास्थ्य की दृष्टि से अत्यधिक महत्त्व है। यदि हमें आने वाली पीढ़ियों को एक स्वस्थ, हरा-भरा और सुरक्षित वातावरण देना है, तो हमें केवल कागजों पर नहीं बल्कि वास्तव में धरातल पर अधिक से अधिक वृक्षारोपण करना होगा। वनों को बचाना अब केवल एक विकल्प नहीं, बल्कि हमारे अस्तित्व के लिए एक अनिवार्य आवश्यकता बन गई है।

(i) वृक्षों को 'जीवन का रक्षक' क्यों कहा गया है?

(क) फल, फूल, औषधियाँ इत्यादि देते हैं।

(ख) वे प्राणवायु प्रदान करते हैं।

(ग) वातावरण को असंतुलित रखते हैं।

(घ) पृथ्वी के तापमान में हास हो रही है।

(ii) 'ग्लोबल वार्मिंग' का मुख्य कारण गद्यांश के अनुसार क्या है?

Std. IX Worksheet 1

- (क) अधिक वर्षा होना और सौर ऊर्जा का उपयोग
- (ख) वृक्षों की कमी और तापमान में वृद्धि
- (ग) मृदा अपरदन में भी असहायक होते हैं।
- (घ) सौर ऊर्जा का उपयोग और पशुओं की बढ़ती संख्या।

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

कथन (A) वनों को बचाना अब हमारे लिए केवल एक विकल्प नहीं, बल्कि अनिवार्य आवश्यकता है।

कारण (R): प्राचीन संस्कृति में पीपल और नीम के वृक्षों की पूजा की जाती थी।

- 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) 'हम अनजाने में अपनी आने वाली आपदाओं का मार्ग प्रशस्त कर रहे हैं'। वर्तमान पीढ़ी की स्वार्थी प्रवृत्तियों का पर्यावरण पर क्या प्रभाव पड़ रहा है? अपने शब्दों में तर्क दीजिए।

(v) "वनों को बचाना अब केवल एक विकल्प नहीं, बल्कि हमारे अस्तित्व के लिए अनिवार्य आवश्यकता क्यों है? "

निम्नलिखित प्रश्नों के उत्तर दीजिए:

(1×5 = 5)

प्रश्न 2 (क) 'सैनिकों की टुकड़ी आगे बढ़ी' - इस वाक्य में 'टुकड़ी' शब्द कौन-सी संज्ञा है?

(ख) 'सोना-चाँदी' शब्द किस संज्ञा के अंतर्गत आते हैं?

प्रश्न 3 निजवाचक सर्वनाम की परिभाषा लिखिए और बताइए कि 'स्वयं', 'खुद' और 'अपने आप' का प्रयोग वाक्यों में किस प्रकार किया जाता है?

प्रश्न 4 निम्नलिखित शब्दों के दो समानार्थी शब्द लिखिए :

(क) रात (ख) नदी

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

(क) दुर्जन (ख) संवाद

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

(क) कृपालु (ख) समानता

Std. IX Worksheet 1

प्रश्न 7 निम्नलिखित प्रश्नों के उत्तर दीजिए —

(क) "वर्षों बाद विदेश से लौट रहे अपने इकलौते बेटे के स्वागत के लिए बूढ़े माता-पिता ने आँखें बिछा दीं।" इस वाक्य में से मुहावरे को लिखते हुए उसका अर्थ लिखिए।

(ख) 'बहुत दिनों बाद दिखाई देना' अर्थ के लिए कौन-सा मुहावरा प्रयोग होगा ?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए —

(2×2=4)

(क) "स्वतंत्रता सहज में नहीं मिलती, उसके लिए संघर्ष करना पड़ता है।" हीरा और मोती के संदर्भ में इस कथन की पुष्टि कीजिए।

(ख) हीरा और मोती की मित्रता आज के स्वार्थपूर्ण युग में क्या संदेश देती है?

प्रश्न 9 'मोबाइल फोन: एक सुखद आवश्यकता या मानसिक तनावसंकेत' विषय पर संकेत बिंदुओं के आधार पर 100 से 120 शब्दों में अनुच्छेद लिखिए।

(5×1=5)

- संकेत बिन्दु
- संचार का सबसे तेज माध्यम
 - ज्ञान का भंडार
 - मनोरंजन का साधन
 - सीमित उपयोग की सलाह।

प्रश्न 10 किन्हीं दो मुहावरों का प्रयोग करते हुए बुकमार्क बनाइए।

(5×1=5)

Std. IX Worksheet 1

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 three solutions which lie on the line $2y = 3x + 5$? (2)
- Q2 What is the distance between points A(-5,4) and B(-7,-2)? (2)
- Q3 What are the coordinates of the centre of a circle whose diameter has ends A(5,2) and B(3,-1)?(2)
- Q4 Give an example for each of the following (2)
- (i) A trinomial of degree 5
 - (ii) A monomial of degree 39
- Q5 Determine that the points A(-3,7) , B(-5,2) and C(5,8) are collinear or not? (2)
- Q6 Given the points A (1, -8), B (-4, 7) and C (-7, -4), show that they lie on a circle K whose center is the origin O (0, 0). What is the radius of circle K? (3)
- Q7 Draw the graphs of relations $y = -3x - 1$, $y = 3x - 2$, $y = 3x + 1$. In this case, reflect on the role of 'a' and 'b'. (3)
- Q8 Using the origin as one vertex, plot the vertices of:
- i)) A right angled isosceles triangle.
 - ii)) An isosceles triangle with one vertex in 3rd quadrant and other in 4th quadrant. (3)
- Q9 A learning platform charges a fixed monthly fee and an additional cost per digital learning module accessed. A student observed that when she accessed 10 modules, her bill was ₹400. When she accessed 14 modules, her bill was ₹500. If the monthly bill y depends on the number of modules accessed, x, according to the relation $y = ax + b$, find the values of a and b. (3)
- Q10 A rally starts with 120 members. Each hour, 9 members drop out of the group. How many members will remain after 1, 2, 3, ... hours? Find a linear expression to represent the number of members at the end of the nth hour. (3)

Std. IX Worksheet 1

Subject: Science

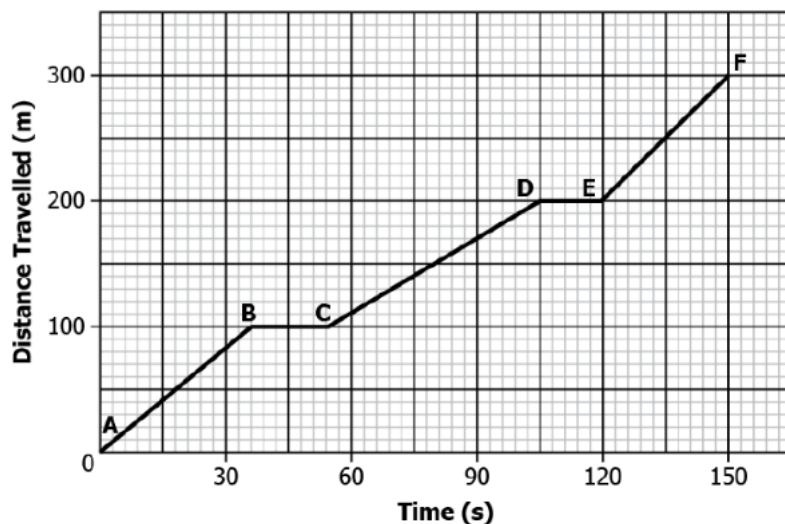
General Instructions:

- * Neatly write the answers in your fair notebook.
- * Attempt the questions keeping in mind the weightage of each question.

No. of questions: 10

M.M. 25

Q1. The graph given below represents the relationship between the distance travelled by a car and the time taken during its journey. During which interval does the car move fastest? (1)



- (a) A to B (b) B to C (c) C to D (d) E to F

Q2. A student prepares two solutions using equal amounts of water. Solution A contains 5 g salt while solution B contains 20 g salt. Which statement is correct? (1)

- A. Both solutions have same concentration
- B. Solution A is more concentrated
- C. Solution B is more concentrated
- D. Concentration does not depend on amount of solute

Q3. This is an Assertion-Reason question. It consists of 2 statements- Assertion(A) and Reason(R). Answer this question by selecting the appropriate option given below.

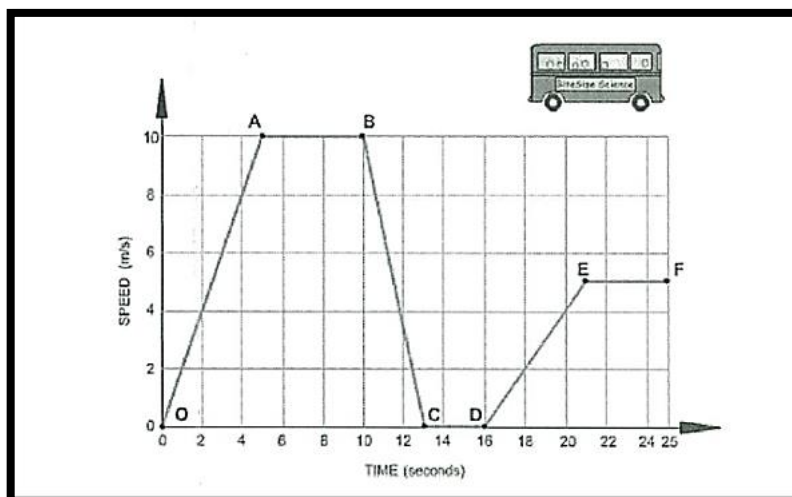
- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false but R is true.

Q3. **Assertion (A)**- Nucleus plays an important role in cellular reproduction and cellular functions.

Std. IX Worksheet 1

Reason (R)- Nucleus contains chromosomes which are made up of DNA which contain information for constructing and organizing cells. (1)

Q4. The graph below shows how the speed of a bus changes during a journey. (2)



Choose the correct words from the following to describe the motion during each segment of the journey.

*accelerating * at rest *decelerating *constant speed

Segment 0-A The bus is _____. Its speed changes from 0 to 10 m/s in 5 seconds.

Segment A-B The bus is moving at a _____ of 10 m/s for 5 seconds.

Segment B-C The bus is _____. It is slowing down from 10 m/s to rest in 3 seconds.

Segment C-D The bus is _____. It has stopped.

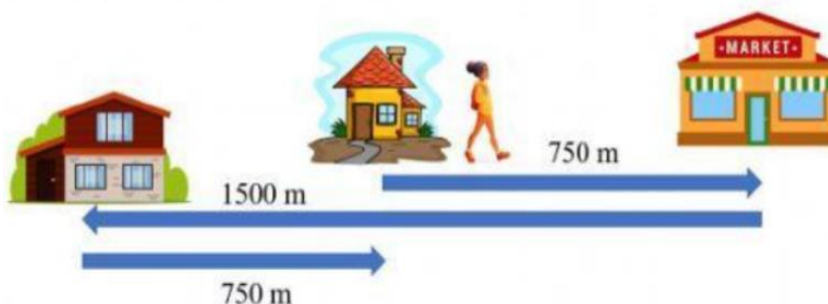
Q5. A student accidentally adds extra water while preparing for ORS. How will it affect:

(i) the concentration of the solution?

(ii) the effectiveness of the solution? (2)

Q6. Maria went for a walk in her neighbourhood. She first walked 750 m east from her house to the market. From there, she walked 1500 m west to her grandmother's house. Finally, she walked 750m east and returned to her house. (3)

Std. IX Worksheet 1



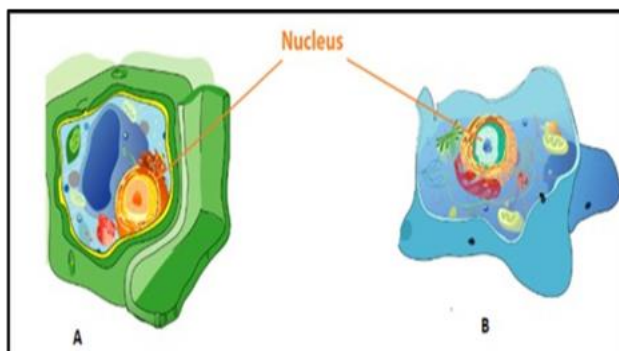
Based on the above situation,

- Calculate the total distance travelled by Maria.
- Calculate the displacement of Maria at the end of her journey.
- Are the distance travel and displacement equal? Give reason.

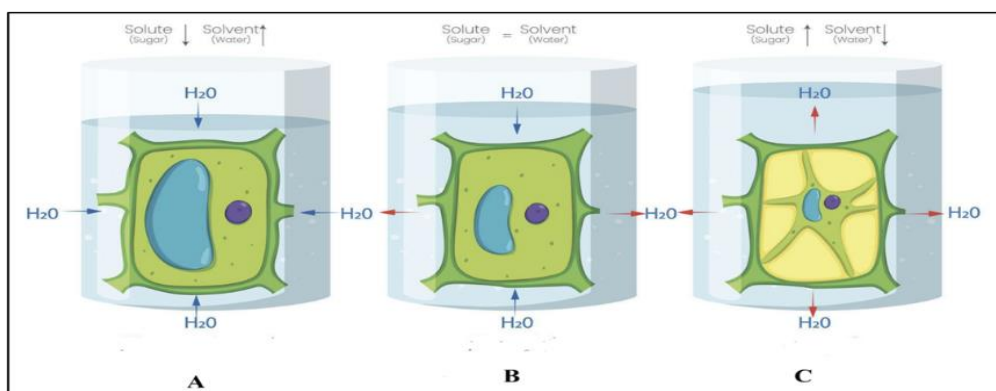
Q7. A student dissolves 40 g sugar in 160 g water.

- Calculate the mass by mass percentage of the solution.
- Is the solution dilute or concentrated compared to a 10% sugar solution? Justify. (1+2=3)

Q8. Observe the given diagram carefully. Identify the animal cell and plant cell. What is the reason for the difference in location of nucleus in both cells? (3)



Q9. Plant cells are kept in three different solutions A, B and C. Observe the given diagram carefully and answer the following questions. (4)



- Identify Solutions A, B and C.

Std. IX Worksheet 1

- b. Explain the condition of cell kept in Solution C.
- c. What process causes the movement of water in and out of the cell.
- d. Why did the cell in Solution become turgid?

Q10. Activity:

Objective: To understand how liquids of different densities form separate layers and how denser liquids can be separated from lighter liquids, similar to the working of a separating funnel.

Materials Required: Transparent plastic bottle, honey, water, cooking oil/olive oil, straw, tape/clay, empty bowl or cup.

Procedure:

1. Take a transparent plastic bottle and make a very small hole carefully at the bottommost side of the bottle with the help of an adult.
2. Insert a straw tightly into the hole and keep it closed with a finger or tape initially.
3. Now pour honey into the bottle, followed by water slowly along the side, and finally add cooking oil or olive oil gently.
4. Leave the bottle undisturbed for a few minutes and observe the separate layers formed.
5. Place an empty bowl below the straw and slowly remove your finger/tape from the straw opening.
6. Observe:
 - *Order of liquid layers
 - * the liquid that settles at the bottom
 - * the liquid that flows out first through the straw
 - * behaviour of liquids after shaking and keeping undisturbed

Answer the following questions:

(2+2+1=5)

- Q1. Draw a well-labeled coloured diagram to show the arrangement of liquids in order from top to bottom after the bottle was left undisturbed.
- Q2. Which liquid came out first through the straw? Explain your answer using the concept of density.
- Q3. How does this activity demonstrate the working principle of a separating funnel used in laboratories?

Std. IX Worksheet 1

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. Write two features of the Palaeolithic Age. 1
- Q2. Mention any two reasons why early humans were nomads. 2
- Q3. In a grocery store, the prices of onions rise sharply because supply is low after heavy rainfall. Explain how scarcity affects price. 2
- Q4. Why are weathering and erosion called external processes of the Earth? 2
- Q5. Define the term scarcity in economics. Why does scarcity arise? (1+1=2)
- Q6. Differentiate between market and planned economy. 2
- Q7. Explain the rights enjoyed by citizens in a democracy. 3
- Q8. . What is the rule of law? Why is it important? 3
- Q9. Explain the importance of agriculture in the Neolithic Age. 3
- Q10. Project Work : 5

SUBJECT	<u>Geography</u>
ASSESSMENT PARAMETER	Multiple Assessment
TOPIC	"Community Resilience: A Disaster Preparedness Project"
PROJECT/ACTIVITY	According to the roll numbers -Students will develop a comprehensive disaster preparedness plan for their local community, focusing on a specific type of disaster such as (Roll no-1-10) Earthquakes, Landslides (Roll no11-20), Avalanches (Roll no 21-30), Glacial Lake Outburst Flood (GLOF) (Roll no 31-40).The project will involve research, risk assessment, stakeholder engagement, and the development of strategies and resources to enhance community resilience and response capabilities.

Std. IX Worksheet 1

LEARNING OUTCOME	<ul style="list-style-type: none">• Risk Assessment: Students will develop skills in identifying and assessing the risks associated with various types of disasters, including their potential impact on communities, infrastructure, and the environment.• Critical Thinking: Through analyzing data, evaluating scenarios, and making informed decisions, students will enhance their critical thinking skills and problem-solving abilities in the context of disaster management.• Collaboration and Leadership: Students will work collaboratively with community stakeholders, local authorities, and emergency responders to develop and implement effective disaster preparedness strategies, fostering teamwork and leadership skills.• Communication and Advocacy: Students will improve their ability to communicate information, raise awareness, and advocate for disaster preparedness and resilience within their community through various channels such as presentations, workshops, and social media campaigns.
RESOURCES (LINKS)	<ol style="list-style-type: none">1. FEMA: Ready.gov - Disaster Preparedness Resources (https://www.ready.gov/)2. Red Cross: Disaster Preparedness and Response (https://www.redcross.org/get-help/how-to-prepare-for-emergencies.html)3. United Nations: Disaster Risk Reduction Knowledge Centre (https://www.undrr.org/)4. National Geographic: Natural Disasters – Educational Resources (https://www.nationalgeographic.org/education/disasters/)

Std. IX Worksheet 1

MODE OF SUBMISSION	<p>Students will submit their disaster preparedness plan in the form of a Project File.</p> <p><u>GUIDELINES FOR THE PROJECT:</u> Kindly follow the format given below to compile the project:</p> <ol style="list-style-type: none">Project to be done on A-4 size sheet.Project should be handwritten and should not exceed more than 15- 20 pages.<u>COVER PAGE:</u> (On the first page, student's Performa to be written) This should mention the Name, Class, Roll Number, Name of the school, year of submission and topic.<u>CERTIFICATE OF AUTHENTICATION:</u> (to be written by the student in the format given below) I, (Name of the student) of class IX – (mention the section accordingly) hereby state that this project report has been prepared by me after completion of all tasks assigned as a part of this project.Content or Index.At the last Bibliography or references.Newspaper cuttings, maps, diagram, illustrations are must.Project should be strictly based on India.Use your Disaster Management book for reference.
RUBRICS	<ol style="list-style-type: none">Risk Assessment- 1 markPlanning and Strategy Development-1 markCollaboration and Engagement-1 markCommunication and Advocacy-1 markCritical Thinking and Problem-Solving- 1 mark

Std. IX Worksheet 1

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 option.

(1x9=9)

1. Oral communication is based on:

- a) Facial expressions b) Listening and hearing c) Body language d) Written words

2. Which of the following is NOT a barrier to effective communication?

- a) Physical barrier b) Linguistic barrier c) Interpersonal barrier d) Subjective barrier

3. To ensure the message is understood, the communicator seeks:

- a) Description b) Feedback c) Channel d) Sign

4. A key advantage of written communication is:

- a) Immediate feedback b) Permanent record of information
c) Emotional tone through voice d) Always faster than oral communication

5. Visual communication involves:

- a) Spoken language b) Written words
c) Images, charts, and videos d) Touch and proximity.

6. In communication, maintaining eye contact usually reflects:

- a) Confidence and attentiveness b) Lack of interest in the discussion
c) Desire to avoid interaction d) Confusion about the topic

7. Why is clarity considered crucial in communication?

- a) It makes communication more formal
b) It prevents misunderstandings by ensuring messages are easy to understand
c) It allows the use of complex vocabulary
d) It focuses on emotional tone

8. The main purpose of effective communication is:

- a) To impress others with vocabulary b) To ensure the receiver understands the message
c) To dominate the conversation d) To avoid feedback

Std. IX Worksheet 1

9. Which of the following best represents non-verbal communication?

- a) Emails and letters
- b) Tone of voice in a speech
- c) Body language and eye contact
- d) Sentence structure

10. Using SmartArt, Explain the barriers to communication and the 7 C's that ensure effective communication.”

8

Activity:

Note:

Type new.express.adobe.com to log in to your Adobe account.

Login through your Microsoft ID (eg:- xyz1234@stmarysschooldwarka.onmicrosoft.com)

Download the infographic and upload it under the assignment created on Microsoft Teams.

Design an infographic in Adobe Express illustrating the road signs shown in the figure given below.

7



Std. IX Worksheet 1

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 of the following minerals function by building strong bones and teeth? 1

- a) Iodine
- b) Sodium
- c) Calcium
- d) Iron

Q2. The Women and Child Development Ministry of India have proposed to make learning home science compulsory for _____. 1

- a) boys
- b) girls
- c) both boys and girls
- d) none of these

Q3. _____ is a process whereby the child learns to eat, speak, play, share and exhibits suitable behaviour in a group. 1

- a) Language development
- b) Verbalization
- c) Socialization
- d) Motor development

Q4. Which of the two schemes runs by Govt. of India for empowering women? 1

- i. Ladli
- ii. Kisan Vikas Patra
- iii. Ujjwala
- iv. Senior citizen saving scheme

Choose the correct option from the following

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

Q5. Now-a-days in Indian family systems the individualism is _____ due to globalisation. 1

- a) increasing
- b) decreasing

Std. IX Worksheet 1

- c) no impact
- d) none of these

Q6. The family where head of family is a woman, and succession of property is through the female line is called _____ 1

- a) Matriarchal family
- b) Blended family
- c) Joint family
- d) Patriarchal family

Q7. Very short answer type questions- (5x1= 5)

- I. Name a practical skill taught in Home Science.
- II. Which subject in Home Science covers child development?
- III. What is the importance of Home Science in education?
- IV. How is biology used in home science?
- V. Give an example of applying physics in the kitchen?

Q8. Short answer type questions- (2x2= 4)

- I. Define human growth and development.
- II. What are the primary stages of human development?

Q9. Make a selfie collage or a family tree in your activity file and elaborate role of each member in your family. 5

Q10. Observation of motor skills in a 2–3-year-old child. 5

The students should observe and evaluate a 3-year-old child in their family or neighbourhood and fill the following table after the table is carefully filled students can discuss with the parents if the child has achieved all the developmental milestones.

Child name	
Date of birth and age	
Weight and Height at birth	
Weight and Height now	
Normal delivery or C-section	

Gross Motor Skills	Fine motor skills

Std. IX Worksheet 1

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. Define Sangeet. (1)
2. What is Dhwani? (1)
3. Differentiate between Dhwani and Nada. (2)
4. Define Shruti in Indian music. (1)
5. Fill in the blank:
Musical sound is called _____ . (1)
6. State any two characteristics of Nada. (2)
7. Match the following: (2)

Column A	Column B
Sangeet	Smallest audible musical interval
Shruti	Combination of singing, playing and dancing
Dhwani	Sound
Nada	Musical sound

Choose the correct answer:

(1x15=15)

1. The element of art that is created by a moving point is:
 - a) Shape
 - b) Texture
 - c) Line
 - d) Space

2. Which element of art refers to the lightness or darkness of a colour?
 - a) Form
 - b) Value
 - c) Texture
 - d) Space

3. Shapes that are irregular and found in nature are called:
 - a) Geometric shapes
 - b) Organic shapes
 - c) Positive shapes
 - d) Symmetrical shapes

4. Which element of art gives a three-dimensional effect?
 - a) Form
 - b) Line
 - c) Colour
 - d) Texture

5. The feeling of how a surface looks or feels is called:
 - a) Space
 - b) Form
 - c) Texture
 - d) Value

6. Colours like red, orange, and yellow are known as:
 - a) Cool colours
 - b) Neutral colours
 - c) Warm colours
 - d) Primary colours

Std. IX Worksheet 1

7. Which element of art refers to the area around and within objects?

- a) Texture
- b) Space
- c) Shape
- d) Value

8. Blue, green, and violet are examples of:

- a) Warm colours
- b) Cool colours
- c) Neutral colours
- d) Monochrome colours

9. A circle, square, and triangle are examples of:

- a) Organic shapes
- b) Natural forms
- c) Geometric shapes
- d) Free-flowing shapes

10. Which element of art is produced when two lines meet?

- a) Form
- b) Shape
- c) Texture
- d) Space

11. The roughness or smoothness of a surface is called:

- a) Value
- b) Texture
- c) Shape
- d) Form

12. Black, white, and grey are known as:

- a) Warm colours
- b) Complementary colours
- c) Neutral colours
- d) Primary colours

13. Positive space in art refers to:

- a) Empty background area
- b) Main object area
- c) Dark colours
- d) Textured area

Std. IX Worksheet 1

14. Which of the following is a primary colour?

- a) Green
- b) Orange
- c) Blue
- d) Violet

15. The illusion of distance in a painting is created through:

- a) Texture
- b) Space
- c) Shape
- d) Pattern