



St. Mary's School, Dwarka

Holiday Homework 2026

Class: VII

Worksheet 1

Subject: English

General Instructions:

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

No. of questions: 9

M.M. 25

Q1. Read the following passage.

1. Sudha Murty, an eminent author, philanthropist, and engineer, has long been admired for her intellectual brilliance and humanitarian outlook. Born into a modest family in Karnataka, she displayed academic excellence from an early age and pursued engineering at a time when very few women entered the profession. Despite encountering prejudice and scepticism, she remained steadfast in her pursuit of knowledge and professional achievement.
2. After completing her studies, Sudha Murty became the first female engineer to be employed at TELCO, now known as Tata Motors. Her appointment was the result of her courage to challenge discriminatory recruitment practices. Over the years, she contributed significantly to education, healthcare, rural development, and literature through her philanthropic initiatives and literary works.
3. Apart from her professional accomplishments, Sudha Murty is widely respected for her simplicity and compassion. Through the Infosys Foundation, she has supported numerous charitable projects, including the establishment of libraries, orphanages, and disaster-relief programmes. Her writings, characterised by lucid language and profound themes, continue to inspire readers across generations.
4. Sudha Murty's life exemplifies perseverance, humility, and social responsibility. Her journey demonstrates that true success lies not merely in personal achievements but also in one's ability to contribute meaningfully to society and uplift the lives of others.

Based on your understanding of the passage, answer the following questions:

i. Which of the following can be inferred about societal attitudes during the early phase of Sudha Murty's career? (1)

- a) Women were readily encouraged to enter engineering fields.
- b) Professional opportunities were equally accessible to all candidates.
- c) Gender-based assumptions created barriers for women professionals.
- d) Engineering was considered more suitable for literary scholars.

Std. VII Worksheet 1

ii. The reference to Sudha Murty's challenge against recruitment practices primarily highlights her _____. (1)

- a) preference for administrative reforms
- b) willingness to confront unfair conventions
- c) interest in legal professions
- d) dependence on institutional support

iii. Which of the following best reflects the broader message conveyed through Sudha Murty's philanthropic work? (1)

- a) Social progress depends entirely on government initiatives.
- b) Wealth alone determines an individual's influence in society.
- c) Meaningful success is often linked with service towards others.
- d) Literary achievements are more valuable than scientific contributions.

iv. The description of Sudha Murty's writing style suggests that her works are _____. (1)

- a) excessively technical and specialised
- b) emotionally detached and factual
- c) accessible yet intellectually enriching
- d) limited to autobiographical experiences

v. The passage most strongly reinforces the idea that personal excellence becomes truly admirable when accompanied by _____. (1)

- a) public recognition and fame
- b) authority and professional dominance
- c) compassion and social commitment
- d) financial prosperity and influence

Q2. You are Aryan/Aarushi, residing at 32-D, Silver Residency, Dwarka. Your school recently organized a visit to a biodiversity park, where you observed different species of plants, birds, and eco-friendly conservation practices. Write a letter to your cousin Neha describing how the visit enhanced your awareness about environmental protection and why such educational trips are valuable for students. Write in about 100–120 words. (3)

Q3. Fill in the blanks with the most appropriate option. ($\frac{1}{2} \times 4 = 2$)

Ananya searched (i) _____ her study table for the assignment, but she could not locate (ii) _____ of the papers she had prepared. She then looked (iii) _____ the drawer and finally discovered them hidden (iv) _____ several old notebooks.

- | | | | |
|----------------|------------|------------|-----------|
| i. a. across | b. beneath | c. through | d. beside |
| ii. a. much | b. any | c. many | d. few |
| iii. a. inside | b. over | c. across | d. during |
| iv. a. among | b. below | c. under | d. beside |

Q4. Fill in the blanks with the most appropriate option.

($\frac{1}{2} \times 4 = 2$)

The spectators were (i) _____ by the remarkable performance of the musicians as they waited (ii) _____ the auditorium for the programme to begin. It was an exceptionally (iii) _____ evening, filled with soft music and cool weather. At the end of the concert, the audience moved (iv) _____ the performers to applaud their efforts.

- | | | | |
|--------------------|---------------|--------------|--------------|
| i. a. irritated | b. fascinated | c. terrified | d. exhausted |
| ii. a. inside | b. across | c. beneath | d. through |
| iii. a. unpleasant | b. delightful | c. stormy | d. gloomy |
| iv. a. towards | b. under | c. beside | d. across |

Q5. How does Swaminathan's curiosity about taxes reflect his limited yet developing understanding of the adult world? (Answer in 30–40 words) (2)

Q6. In what manner does Newton's conduct during the plague distinguish him from other learners, and what does it suggest about his intellectual temperament? (Answer in 30–40 words) (2)

Q7. How does the poem present maps as indispensable tools for navigators such as sailors and pilots? (Answer in 30–40 words) (2)

Q8. How does the chapter 'To Truly Understand a Rainbow' help students distinguish between scientific explanation and everyday perception of natural phenomena? (Answer in 50-60 words) (3)

Q9. Create an illustrated 'Journey Through The Three Musketeers' story path on an A4-size sheet using colours, drawings, symbols, pictures, and short descriptions. (4)

- Design the sheet like a pathway or map showing the key events of the novel in correct sequence.
- Include important moments such as:
 - D'Artagnan arriving in Paris and meeting the three musketeers
 - The duel challenge with Athos, Porthos, and Aramis
 - The conspiracy against Queen Anne's diamond studs
 - The journey to England to retrieve the diamonds
 - Milady de Winter's schemes and exposure
 - The siege of La Rochelle
 - The final resolution and recognition of the musketeers' loyalty

JOURNEY THROUGH THE THREE MUSKETEERS

HONOUR
FRIENDSHIP
LOYALTY

N
W E
S

1 D'ARTAGNAN ARRIVES IN PARIS
A young d'Artagnan comes to Paris with a dream to become a musketeer.

2 THE DUEL CHALLENGE
He has a duel with Athos, Porthos and Aramis but earns their respect and friendship.

3 THE CONSPIRACY
The evil Cardinal Richelieu and Milady de Winter plan to steal the diamond studs of Queen Anne.

4 JOURNEY TO ENGLAND
The musketeers travel to England to get the diamond studs back for the Queen.

5 MILADY'S SCHEMES
Milady tries many tricks to harm the musketeers, but her true face is finally exposed.

6 THE SIEGE OF LA ROCHELLE
The musketeers bravely fight in the siege and help the King's forces win.

7 THE FINAL RESOLUTION
The musketeers' loyalty and courage are rewarded. They are honoured, and d'Artagnan becomes a true musketeer.

Themes:

- ★ Friendship
- ★ Loyalty
- ★ Courage
- ★ Honour

All for one,
and one for all!

Subject: Hindi

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

2 सभी प्रश्नों के उत्तर पूर्ण वाक्य में लिखकर स्थानों को रेखांकित कीजिए।

3 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

M.M.-25

प्रश्न 1 अपठित गद्यांश को पढ़कर निम्न प्रश्नों के उत्तर दीजिए— (1×5=5)

अनुशासन का अर्थ है - नियमों का पालन करना और अनुचित कार्यों से बचना। यह व्यक्ति को समय का पाबंद, जिम्मेदार और सफल बनाता है। अनुशासन हमारे जीवन का एक आवश्यक हिस्सा है। चाहे स्कूल हो, घर हो या कार्यस्थल - हर जगह अनुशासन जरूरी है।

बचपन से ही हमें अनुशासित जीवन जीने की शिक्षा दी जाती है। स्कूल में समय पर आना, गृहकार्य करना, शिक्षक की बात मानना - ये सब अनुशासन के उदाहरण हैं। घर में माता-पिता के कहे अनुसार कार्य करना, बड़ों का सम्मान करना, समय पर सोना और उठना भी अनुशासन में आता है।

अनुशासन से व्यक्ति का चरित्र मजबूत होता है। एक अनुशासित व्यक्ति अपने जीवन के हर क्षेत्र में सफलता प्राप्त कर सकता है। सैनिकों का जीवन इसका श्रेष्ठ उदाहरण है वे कठोर नियमों का पालन करते हैं और देश की रक्षा में सक्षम बनते हैं।

अनुशासन सफलता की कुंजी है। यह हमें जीवन में सही रास्ता दिखाता है और अच्छे नागरिक बनने में मदद करता है। हमें जीवन में अनुशासन को अपनाना चाहिए और दूसरों को भी इसके लिए प्रेरित करना चाहिए।

(i) अनुशासन का सही अर्थ क्या है?

- (क) प्राथमिक शिक्षा
- (ख) आराम करना
- (ग) नियमों का पालन
- (घ) अनुचित कार्य

(ii) अनुशासन हमें क्या बनाता है?

- (क) आलसी
- (ख) जिम्मेदार
- (ग) थका हुआ
- (घ) दुखी

Std. VII Worksheet 1

(iii) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़कर उचित विकल्प का चयन कीजिए—

कथन (A) अनुशासन से व्यक्ति का चरित्र मजबूत होता है।

कारण (R) वे कठोर नियमों का पालन करते हैं और देश की रक्षा में सक्षम बनते हैं।

(क) कथन (A) तथा कारण (R) दोनों गलत हैं।

(ख) कथन (A) गलत है तथा कारण (R) सही है।

(ग) कथन (A) सही है लेकिन कारण (R) गलत है।

(घ) कथन (A) तथा कारण (R) दोनों सही हैं। तथा कारण (R) कथन (A) की गलत व्याख्या करता है।

(iv) अनुशासन को सफलता की कुंजी क्यों कहा गया है?

(v) बचपन से ही हमें अनुशासित जीवन जीने की शिक्षा कैसे दी जाती है ?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 'ताजमहल कहाँ स्थित है?' में रेखांकित शब्द **ताजमहल** संज्ञा का कौन-सा भेद है?

प्रश्न 3 34, 20, 42, 29 इन संख्याओं को शब्दों में लिखिए।

प्रश्न 4 प्रस्तर और कर्ण के तद्भव शब्द लिखिए है

प्रश्न 5 'अँगूठा दिखाना' इस मुहावरे का अर्थ बताइए।

प्रश्न-6 संज्ञा के कितने भेद हैं? उनके नाम लिखिए।

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) जल-चक्र किसे कहते हैं? अब पानी को लेकर लोगों को क्या समस्याएँ आने लगी हैं?

(ख) फूल और काँटे का पालन-पोषण किसके द्वारा होता है? आपमें और आपके भाई-बहनों में क्या अंतर है?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×2=2)

(क) सेठ कैसे स्वभाव के व्यक्ति थे?

(ख) चीनी फेरीवाला चाइना क्यों जाना चाहता था?

प्रश्न-9 'तूफानी' कंपनी की ओर से 'नुरानी तेल' के प्रचार-प्रसार के लिए एक आकर्षक विज्ञापन तैयार कीजिए।

(5×1=5)

प्रश्न-10 जल संरक्षण (water conservation) के विविध माध्यम को चित्र सहित चार्ट पेपर पर दर्शाइए।

(5×1=5)

Subject: Sanskrit

सामान्य निर्देश 1 प्रदत्त प्रश्नानाम् उत्तरम् संस्कृत पुस्तिकायाम् एव लिखत ।

2 प्रश्नानाम् उत्तरम् पूर्णवाक्येन लिखित्वा रिक्तस्थानानि रेखांकित करणीय ।

3 कार्यम् स्वच्छं ,शुद्धं एवं स्पष्टं लेखम् एव लेखनीय ।

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

(1×5=5)

विद्या मानवस्य जीवनस्य दीपः अस्ति या अज्ञान अन्धकारात् ज्ञानप्रकाशं प्रति नयति । विद्यया मनुष्यः विवेकशीलः, विनयी च भवति । विद्यया न केवलं स्वजीवनं, अपि तु समाजस्य राष्ट्रस्य च कल्याणं भवति । या विद्या विनयं जनयति, सा उत्तमा विद्या । धनं चौरैः हर्यते, किन्तु विद्या न कदापि हर्यते । सा आत्मविश्वासं वर्धयति, राष्ट्रस्य विकासं करोति, यत्र कुत्रापि यशः ददाति । विद्यावान् जनः लोके आदरणीयः भवति । विद्यालयाः, महाविद्यालयाः, विश्वविद्यालयाः च विद्यायाः केन्द्राणि भवन्ति । विद्या केवलं परीक्षायाः कृते न पठनीया, अपि तु जीवनाय पठनीया । सा धर्मस्य, न्यायस्य च आधारः अस्ति । विद्यया लोके शान्तिः, समता च सम्भवति । विद्याविहीनः जनः अन्धः इव भवति, सः न स्वमार्गं जानाति, न च परमार्गं ।

(i) समाजस्य राष्ट्रस्य च कल्याणं कया भवति?

- (क) असत्येन
- (ख) हिंसया
- (ग) विद्यया
- (घ) करुणया

(ii) विद्यया मनुष्यः कीदृशः भवति ?

- (क) विवेकशीलः, क्रोधी च
- (ख) विवेकशीलः, विनयी च
- (ग) शान्तः, विनयी च
- (घ) अहंकारी, विनयी च

(iii) विद्या कस्य आधारः एव अस्ति?

- (क) धर्मस्य न्यायस्य च
- (ख) धर्मस्य मानवस्य च
- (ग) धनस्य धर्मस्य च
- (घ) धर्मस्य राज्यस्य च

(iv) विद्याविहीनः जनः किम् न जानाति ?

Std. VII Worksheet 1

- (क) अथः मार्गः परमार्गः च
(ख) स्वमार्गः प्रमार्गः च
(ग) जनमार्गः परमार्गः च
(घ) स्वमार्गः परमार्गः च

(v) 'राष्ट्रस्य' पदे का विभक्तिः अस्ति?

- (क) पंचमी
(ख) षष्ठी
(ग) प्रथमा
(घ) सप्तमी

प्रश्न 2 चित्रं दृष्ट्वा दत्तपदानां सहायतया रिक्तस्थानानि पूरयत —

($\frac{1}{2} \times 4 = 2$)

मञ्जूषा — पर्वताः ग्रामम्, मेघाः, गृहाणि ।



- 1 अस्मिन् चित्रे एकम्.....अस्ति ।
2 आकाशो.....सन्ति ।
3 ग्रामे अनेकानि.....सन्ति ।
4 अत्र अनेके.....अपि सन्ति ।

प्रश्न 3 घटिकां रचयित्वा प्रदत्तं समयं संस्कृते लिखत ।

(3)

4:30

7:15

9:45

11:00

प्रश्न 4 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत -

($\frac{1}{2} \times 4 = 2$)

मञ्जूषा — त्वम् , अहम्, तत्र , कुत्र

- (1) माता—हे पुत्री ! त्वम् ———गच्छसि?
- (2) पुत्री—हे मातः !———उद्यानम् गच्छामि ।
- (3) माता—हे पुत्री ! तत्र———किम् करिष्यसि?
- (4) पुत्री—हे मातः ! ——अहम् मित्रैः सह क्रीडिष्यामि ।

प्रश्न 5 मञ्जूषायां प्रदत्तैः उचित अव्ययपदैः रिक्तस्थानानि पूरयत -

($\frac{1}{2} \times 4 = 2$)

मञ्जूषा - कुत्र , अपि , च , अत्र

- (1) ----- एकम् विशालः वटवृक्षः अस्ति ।
- (2) अहम् ----- आगरा नगरं गच्छामि ।
- (3) रमेशः सुमनः ----- धावतः ।
- (4) हे मित्र! त्वं ----- वससि?

प्रश्न 6 अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपूर्तिं कुरुत -

($\frac{1}{2} \times 2 = 1$)

- (1) वृद्धः ----- (खाद् + क्त्वा) प्रसन्नः भवति ।
- (2) रमेशः सदैव ----- (हस् + क्त्वा) स्वागतं करोति ।

प्रश्न 7 रेखांकित पदम् आधृत्य प्रश्नं निर्मायताम् -

($\frac{1}{2} \times 2 = 1$)

- (1) जनाः तीर्थक्षेत्राणां धूलिम् ललाटे स्थापयन्ति ।
- (2) जनेषु सूर्यः नमस्कारः श्रेष्ठः ।

प्रश्न 8 शब्दानाम् अर्थम् लिखत -

($\frac{1}{2} \times 4 = 2$)

प्रज्ञा , भूतिम् , रम्यम् , वत्सला

प्रश्न 9 उचित पदैः रिक्तस्थानानि पूरयत -

($\frac{1}{2} \times 4 = 2$)

- (1) आलस्यं हि मनुष्याणाम् शरीरस्थो ----- रिपुः ।
- (2) यः पठति लिखति परिपृच्छति ----- ।
- (3) सः हेतुः सर्वविद्यानां----- धनस्य च ।
- (4) ----- बुद्धिः ज्ञानेन शुध्यति ।

परियोजना कार्य

प्रश्न 10 किसी भी योगासन को दर्शाते हुए फिज मैगनेट बनाइए ।

($5 \times 1 = 5$)

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.

No. of questions: 10

M.M. 25

Q1 (Multiple choice questions)

(1 x 2 = 2)

(a) How many zeros does a hundred lakh have?

- (i) 5 (ii) 6 (iii) 7 (iv) 8

(b) What is the product of 111×111 ?

- (i) 12321 (ii) 12221 (iii) 12331 (iv) 12121

Q2 Fill in the blanks:

(1 x 2 = 2)

(a) The game of Thoughtful Thousands only has a +1000 button. It should be pressed ---times to show 70,000.

(b) According to a census, the population of a town was 82,345 in 2011. Approximately, it was (Round to the nearest ten thousand for approximation) -----

Q3. If Priya ate 4 varieties of fruits every day, will she be able to taste all 1 lakh varieties in a 100-year lifetime? Find out. (1)

Q4. Find out how many coins should be stacked to match the height of a monument 150 meters tall. Assume that each coin is 2 mm thick. (2)

Q5. A waterfall is 400 meters tall. A building is 4 times the height of a person who is 2 meters tall. How much taller is the waterfall than the building? (2)

Q6. A calculator has buttons: +1 +10, +100, +1000, +10000, +100000. One way to get 6083 uses 25 button clicks. Is there another way to get 6083 using fewer button clicks? Write the expression for the same. (2)

Q7. If Sanjay could travel 200 kilometers every day, could he reach a planet 5,00,000 km away in 8 years? (3)

Q8. Write any 8-digit number, show its Indian and International place values, and write it in words in both systems. (3)

Q9. Using the shortcut method, calculate 236×25 . Then, verify the answer using standard multiplication. Also, calculate 236×50 using the shortcut method. (3)

Std. VII Worksheet 1

Q10. Activity- (Do in portfolio sheet)

(5)

Make necessary reasonable assumptions and answer the questions below:

- (a) If a single sheet of paper weighs 5 grams, could you lift one lakh sheets of paper together at the same time?
- (b) If 250 babies are born every minute across the world, will a million babies be born in a day?
- (c) Can you count 1 million coins in a day? Assume you can count 1 coin every second.
- (d) The RMS Titanic ship carried about 2500 passengers. Can the population of Mumbai fit into 5000 such ships?

Subject: Science

No. of questions: 10

M.M. 25

General Instructions:

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

Q1. Which of the following substances is most likely to turn red litmus paper blue? (1)

- Lemon juice
- Vinegar
- Baking soda solution
- Orange juice

Q2. Which of the following best describes science? (1)

- A collection of fixed facts
- A way of asking questions and finding answers
- Only laboratory experiments
- Only inventions and discoveries

Q3. Assertion-Reason

Assertion (A): LED does not glow when connected in reverse direction. (1)

Reason (R): Current passes through LED only in one direction.

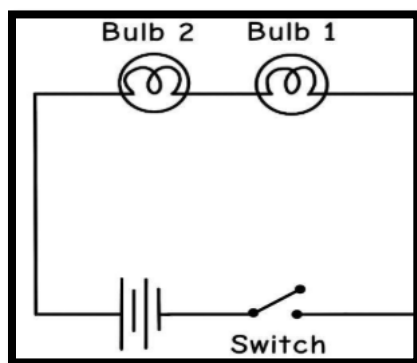
- Both A and R are true, and R is the correct explanation of A.
- Both A and R are true, but R is not the correct explanation of A.
- A is true, but R is false.
- A is false, but R is true.

Q4. Science is often called “ever-evolving.” Explain this statement with two real-life examples. (2)

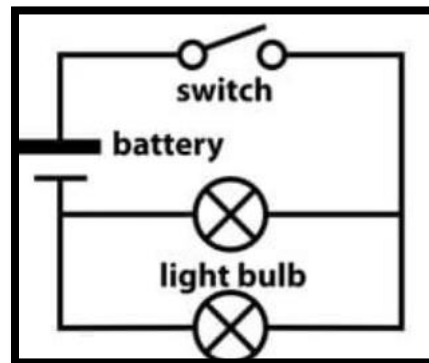
Q5. A student connects a bulb, cell and wire but the bulb does not glow. Give two possible reasons for this and explain each briefly. (2)

Std. VII Worksheet 1

Q6. Observe the two circuit diagrams given below. In both the circuits, two bulbs are connected differently. If the switch is ON and the filament of one bulb is broken. (3)



Circuit A



Circuit B

- Will the other bulb glow in Circuit A?
- Will the other bulb glow in Circuit B?

Give reason for your answer.

Q7. What is a neutralisation reaction? Give any two applications of neutralisation reaction in daily life. (3)

Q8. Read the situation carefully: (3)

For a long time, people believed that heavier objects fall faster than lighter ones. Later, scientists performed experiments and observed that objects fall towards the Earth at the same rate. These observations changed earlier beliefs and improved scientific understanding about motion and gravity.

Answer the following:

- What does this example show about the nature of science?
- Why did scientists stop accepting the earlier belief about falling objects?
- How can new evidence change earlier scientific ideas?

Q9. A student tested an unknown solution using different natural indicators. The solution changed turmeric indicator to reddish-brown colour and also turned red litmus paper blue. (4)

Answer the following:

- What do these observations suggest about the nature of the solution?
- What will be the expected colour change when the same solution is tested using red rose extract?
- What will be the observation if the same solution is tested with blue litmus paper?
- Give one daily life example of a similar type of solution.

Std. VII Worksheet 1

Q10. Activity – Testing Materials using an Electric Circuit

(5)

Make a simple electric tester using a cell, connecting wires and an LED bulb. Ensure that the circuit is complete. Use the tester to check different materials and record whether the LED glows or does not glow.

A table of observations is given below:

Material	Observation (LED Glows / Does Not Glow)
Coin	
Rubber eraser	
Plastic scale	
Safety pin	
Pencil lead	

Answer the following:

- a. Based on your observations, classify the materials into conductors and insulators.
- b. Why does the LED glow only when some materials are used in the circuit?
- c. Why must the circuit be complete for the tester to work?

Subject: Social Science

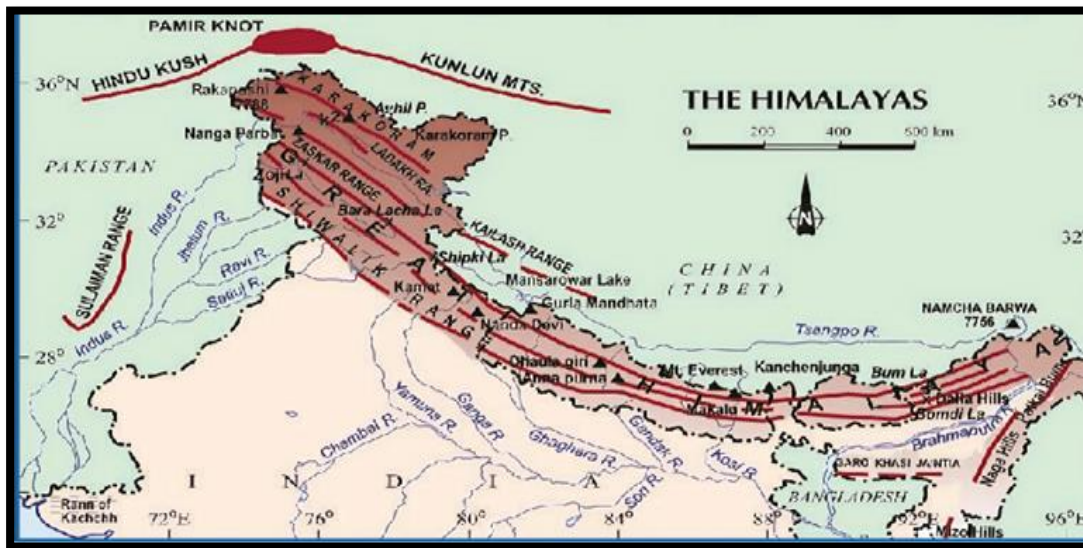
General Instructions:

- The work should be done neatly and in a systematic way.
- The given Worksheets are to be done in the History, Civics, and Geography notebook respectively.
- Mention the number of Worksheets while doing the work.
- Write all the questions along with the answers.

No. of questions: 10

M.M. 25

- Q1. What is meant by the term ‘Second Urbanization’ in Indian history? 1
- Q2. What is meant by a peninsula? 1
- Q3. Mention any two important features of Magadha. 2
- Q4. What role did trade play in the rise of cities? 2
- Q5. How were Janapadas different from Mahajanapadas? 2
- Q6. Define government and mention any two of its functions. 2
- Q7. Why do you think the Northern Plains are called the “food bowl of India”? 2
- Q8 Describe any three reasons that made Magadha a powerful Mahajanapadas. 3
- Q9. **Map-Based Activity** (Geography):
Study the picture of the Himalayan Range and answer the questions that follow: 5



- (i) Name the three Himalayan ranges.
- (ii) Which range contains the highest peaks?
- (iii) Why are glaciers important?
- (iv) Name one famous hill station in the Himachal range.
- (v) Which valley lies between the Himachal and Shivalik ranges?

Std. VII Worksheet 1

Q10. Picture-Based Case Study (History):

Observe the given picture carefully and answer the questions that follow:

(1+2+2=5)



- (i) Identify the civilization shown in the picture.
- (ii) The houses and roads shown in the picture tell us that the people of this civilization had:
- A) Planned cities and roads
 - B) Big pools and villages
 - C) Temporary construction
 - D) No farms and fields
- (iii) The drainage system of this civilization shows that people gave importance to:
- A) Wars and battles
 - B) Hunting and fishing
 - C) Music and dance
 - D) Cleanliness and hygiene
- (iv) Mention any one feature visible in the ruins.
- (v) List two defining features of this civilization.

Subject: Computer Science

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions should be completed in the Computer Science notebook.
- 3) All questions are compulsory.
- 4) Write only answers.

Convert the following decimal values into binary codes and verify the answer. (2x5=10)

- 1) $(7)_{10}$
- 2) $(19)_{10}$
- 3) $(113)_{10}$
- 4) $(54)_{10}$
- 5) $(13)_{10}$

Convert the following binary codes into decimal values and verify the answer. (2x5=10)

- 6) $(1001)_2$
- 7) $(11011)_2$
- 8) $(101010)_2$
- 9) $(1111)_2$

10) List any 5 data processed by the left and right part of the human brain. (1x5=5)

- a) If it rains heavily, then _____.
- b) If you do not water plants, then _____.
- c) If ice is heated, then _____.
- d) If you exercise daily, then _____.
- e) If traffic lights stop working, then _____.

Subject: Elementary Math

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions should be completed in the Math notebook.
- 3) All questions are compulsory.

Q1 Choose the correct option: (1x 4)

(i) Which number is the successor of 89999

- a) 90000 b) 8888 c) 36342 d) 60000

(ii) Which number is the predecessor of 36888

- a) 90000 b) 36887 c) 40000 d) 80000

(iii) Which is the greater number?

- a) 894632 b) 999999 c) 543210 d) 8846310

(iv) What number comes between 8943500 _____ 8943502

- a) 8943500 b) 8943503 c) 8943501 d) 8943489

Q2 Write the place value of 6 (1x3)

I. 33603

II. 97036

III. 86341

Q.3 Write the smallest number which can be formed using digits 8,7,5,3,0,2,1,4 (1x1)

Q4. Write the greatest number which can be formed using digits 8,7,5,3,9,2,1,0 (1x1)

Q5. Write the numerals: (1x3)

I. Eighty four lakh ninety six thousand three hundred sixty four

II. Eighty eight crore

III. Sixty two thousand five hundred sixty two

Q6. Write the successor and predecessor of these numbers. (1x4)

I. _____ 2456 _____

II. _____ 1222 _____

III. _____ 5948 _____

IV. _____ 6999 _____

Std. VII Worksheet 1

- Q7. Write the numbers in its expanded form. (1×2)
I. 580619
II. 74983
- Q8. Arrange the following numbers in ascending order: (2×1)
84767; 57056 ; 98566 ; 53587
- Q9. Arrange the following numbers in descending order: (2×1)
32274 ; 87707 ; 91734 ; 55337
- Q10. Collect the contact numbers of your 5 family members and arrange that in Indian and international system. (1×3)