

Himalaya International School Holidays

Home Work (2025-26) Class – VI

Subject – Mathematics

Q1. Complete the following number sequences:

a) $1+3+5+\dots+9+11=\dots$

b) $1+ \dots +3 +4 + 3+2+1=\dots$

Q2. A plant grows 3 inches every week. What will its height be after 7 weeks? How tall will it be after 4 weeks?

Q3. Classify the following angles as acute, obtuse, straight, right, zero and complete angle:

a) 118°

b) 29°

c) 145°

d) 165°

e) 75°

f) 180°

g) 30°

h) 179°

Q 4. Complete the magic square so that the sum of each row, column and diagonal is 15.

4	9	?
?	5	?
2	?	8

Q5. Tell whether each pair of angle measurements are complementary or supplementary.

a) $36^\circ, 54^\circ$

b) $147^\circ, 33^\circ$

c) $18^\circ, 72^\circ$

d) $98^\circ, 82^\circ$

Q6. Draw angles by using protactor:

a) 97°

b) 65°

c) 110°

d) 82°

e) 138°

Q7. Find the smallest two-digit Square number that can be written as the sum of two different square numbers.

Q8. Find the largest two-digit number that can be written as the sum of two different

Cubic numbers.

Q9. Find the complementary angles.

- a) 23°
- b) 46°
- c) 82°
- d) 67°
- e) 58°

Q 10. Recognize the Pattern and write the next terms:

- a) AB, BC, CD, DE,,
- b) 123, 234, 345, 456,,
- c) A2, B4, C6, D8,,
- d) 111, 222, 333, 444,,
- e) XYZ, WXY, VWX, UVW,,

Q11. Case study

Perpendicular lines are two straight lines that meet or intersect at 90 degree. You can give plenty of examples from things around you for perpendicular lines (or line segments). The English alphabet T is one such example. Answer the following questions:

- a) Write any two English alphabets which represent perpendicular lines.
- b) Is the letter V, a model of perpendicular lines?

Q12. Give three examples of angles from your environment.

Q13. Complete the Pattern and write the next terms:

- a) 2, 4, 6, 8, 10,,
- b) 1, 3, 5, 7, 9,,
- c) 4, 9, 16, 25, 36,,
- d) 2, 5, 8, 11, 14,,
- e) 1, 2, 4, 8, 16,,

Q14. Create a pattern using addition with a starting number of 5 and a common difference of 2.

Q15. An angle is formed by two adjacent fingers. What kind of angle will it appear?

Q16. Shikha is rowing a boat towards north-east. In which direction will she be rowing if she turns it through:

- a) a straight angle?
- b) a complete angle?

Q17. Look at your watch face. Through how many right angles does the minute-hand move between 8:00 O'clock and 10:30 O'clock?

Q18. A bicycle wheel makes four and a half turns. Find the number of right angles through which it turns.

Q19. You are standing in a classroom facing north. In what direction are you facing after making a quarter turn?

Q20. What is the measure of the angle in degrees between:

- a) North and West?
- b) North and South?
- c) North and South- East?

Subject-English

Q1. Do the Comprehension of Unseen Passages of Chapter 29, 30 and 31 in Grammar book.

Q2. Learn the poem "A teacher for All Seasons" with proper intonation and voice modulation.

Q3. Write a short paragraph about why it is wrong to ask someone else to do your homework. Refer to the story "Robots are a Boastful Lot" for hints.

Q4. Create a story on the basis of the pictures given on Page 26 of your Literature book. Use your imaginative ideas to make it interesting.

Q5. Make a Gratitude Card showing what a teacher does for her students. Refer to Page 42 of the poem "A teacher for All Seasons" for clues.

Q6. Pick out a passage from the chapter "The Sweet Sound of Success" for reference to context and frame 5 meaningful questions. Write their answers too.

Q7. Write a letter to your uncle in the USA asking for a special gift you would like him to bring you.

Q8. Look into your school bag. Make a list of things you have in it. Make sure that you write the correct singular and plural forms of the nouns.

Q9. Imagine that you visited a zoo. Write a short paragraph describing the animals you saw there. Include as many masculine and feminine gender of the animals as possible.

Q10. Create 10 abstract nouns using suffixes.

Q11. Form 10 compound nouns using nouns, adjectives or verbs. Example:

butter + fly = butterfly (noun + noun)

Hair + cut = haircut (noun + Verb)

Q12. Do Parts A, B, C and D of Test 1 (Page 55) in Grammar book.

Q13. Complete the sentences with the possessive forms of the nouns using apostrophe (') with the words in the brackets.

- a) Where is the _____ toilet? (ladies)
- b) Mr John is _____ father. (Sara)
- c) This is our _____ car. (teacher)
- d) These are our _____ rabbits. (friends)
- e) My uncle is my _____ cousin. (mother)

विषय हिंदी

- 1) वर्तमान समय में सर्वत्र नगरीकरण की प्रवृत्ति दिखाई देती है। ग्रामीण एवं नगरीय जीवन की तुलना करते हुए बताइए कि कविता आया बसंत, आया बसंत में वर्णित क्या-क्या चीजें नगरों में नहीं देखी जा सकती और जिनके इस्तेमाल से गाँव के लोग स्वस्थ एवं दीर्घायु होते हैं।
- 2) पशु पक्षियों की कई प्रजातियाँ विलुप्ति के कगार पर हैं। ऐसे ही कष्टों को झेलता यदि कोई घायल जानवर या पक्षी आपको पार्क में मिल जाए तो आप क्या करेंगे? अनुच्छेद के रूप में लिखिए।
- 3) पाठ 4 'छिपा रहस्य' पढ़ें व लगभग 80/100 शब्दों में कहानी को लिखें।
- 4) कोष्ठक में दिए शब्द के उचित पर्याय द्वारा रिक्त स्थानों की पूर्ति कीजिए।
 - क) _____ प्रदूषण रोकते हैं। (विटप)
 - ख) बसंत आते ही _____ खिल गए। (सुमन)
 - ग) यह _____ गर्मी में सूख जाती है। (सरिता)
- 5) कोष्ठक में दिए शब्द के विलोम द्वारा रिक्त स्थान भरें।
 - क) सज्जन (गुण) खोजते हैं, जबकि दुर्जन _____ देखते हैं।
 - ख) यह (शीत) प्रदेश है _____ नहीं।
 - ग) सूर्य के (उदय) होने से पूर्व ही तारे _____ हो चुके थे।
- 6) श्रुतिसमभिन्नार्थक शब्द-
 - क) चंद्रगुप्त मौर्य के _____ में सुख शांति थी।
 - ख) आपकी सुंदरता का _____ क्या है?
 - ग) महंगाई के कारण _____ का जीवन मुश्किल हो गया।
 - घ) हार्ट अटैक से नेता जी की माता जी का _____ हो गया।
- 7) पाठ 1,2 (व्याकरण भाग) की सभी परिभाषाएँ अच्छे से याद करें।

- 8) अनेकार्थी शब्द- नीचे दिए गए वाक्यों में कोष्ठक में दिए अंशों के अर्थ उसके सामने लिखिए।
- क) प्रभु हर (घट) में वास करते हैं।
ख) उसने देवालय में (नव) वस्त्र चढ़ाए।
ग) उसके (कर्ण) में दर्द हो रहा है।
- 9) वाक्यांशों के लिए एक शब्द लिखें।
- क) बहुत अधिक खर्च करने वाला-
ख) जिसे कहना संभव न हो-
ग) जन्म से अब तक-
घ) मन की बात जान लेने वाला-
- 10) अनुस्वार, अनुनासिक, विसर्ग और हलन्त का चिन्ह दो-दो उदाहरण लिखकर समझाएँ।
- 11) निम्नलिखित उपसर्गों द्वारा दो-दो शब्दों की रचना करें।
प्र, उप, आ, अन, बिन
- 12) इक प्रत्यय लगाकर शब्द बनाएँ।
संकेत, प्रदेश, समाज, इतिहास, भूगोल
- 13) आपके स्कूल में आयोजित किसी एक कार्यक्रम का विस्तार से वर्णन कीजिए।
- 14) बिजली बचाने के लिए हमें क्या क्या सावधानियाँ बरतनी चाहिए? अपने सुझाव सांझा कीजिए।

SUBJECT - SCIENCE

Instructions: Complete the following holiday homework as instructed. Be creative, neat, and original in your work. You may use pictures, drawings, craft materials, and your own observations to complete the tasks.

Q1. Chart Activity: Make a chart on “How to Conserve Biodiversity?” Chart

Title: Steps to Protect Our Biodiversity

Content:

- Planting trees
- Saving endangered animals
- Saying no to plastic
- Protecting natural habitats
- Creating wildlife sanctuaries

Q2. Case Study

Riya read about a scientist who invented a low-cost water filter to help villages get clean drinking water. How has this invention helped people? What does this tell us about the role of science in our daily lives?

Q3. Source-“Science is everywhere—from the fan in your room to the rockets in space. It helps us solve problems and improve lives.” Based on this, give three examples of how science helps us in daily life.

Q4. Arjun visited a science exhibition where he saw robots performing simple tasks like picking up objects and answering questions. What did he learn about artificial intelligence? How does it show the development of science?

Q5. Design a poster on “nose, stagnant water, no mosquito slaughter”. Include images and slogans.

Q6. “Some birds migrate thousands of kilometers to find food and shelter.” Name two migratory birds and explain why they migrate.

Q7. Tara used to skip breakfast and eat a lot of chips. After learning about mindful eating, she changed her routine. What benefits might Tara see in her body and mind after eating mindfully?

Q8. A health camp in school checked students 'height and weight. Many children were found to be underweight or overweight. How does eating the right food help maintain a healthy body?

Q9. Make a model on rainforest ecosystem.

Q10. Imagine your school is celebrating “Diversity Day”. What are some ways you can show respect and appreciation for people from different backgrounds and cultures?

Q11. What are some things you can do at home and at school to be more responsible towards the environment?

Q12. Designer slogan on “Delhi’s Rains and bring pain: Let’s fight disease, again and again”.

Q13. Research how our lungs work and try to build a simple working model of a lung using balloons, straws and a plastic bottle. Explain the different parts of a model and how they represent the actual lungs.

Q14. Choose a common disease (like dengue or malaria). Research its causes, how it spreads, and ways to prevent it. Also create a poster to educate others about this disease.

Subject – Social Science

Q1 Read the following case carefully and answer the following questions that follows:-

The Harappan civilisation was remarkable for its advanced city planning. As archaeologists continued their work, they found many other major cities. One of the most impressive features of the Harappan civilization was its careful city layout. The streets were wide and often aligned with the cardinal directions – North, South, East and West.

(a) Name any three major cities that are found in ‘Indus Valley Civilisation’.

(b) Write any two most impressive features of Harappan Civilization cities.

(c) The _____ was where the common people lived.

(d) Which river area was another key region, with major cities like Rakhigarhi and Ganweriwala, as well as smaller towns like farmana in Haryana and kalibangan in Rajasthan?

Q2 Read the following source and answer the following questions that follows:-

India is a country full of variety, where every part of land has its own special way of life. India is home to over 1.4 billion people- that is about 18% of the world's population. Many of you have probably tried food from different parts of India. In India every region and community have its own unique style of clothing.

(a)What is meant by “staple grains”?

(b)List some famous types of saris.

(c)'India is a country full of variety, where every part of land has its own special way of life.' Justify this statement.

(d)How many different communities have been found across the India?

Q3 Assertion/Reasoning

Direction:- In the question given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct codes.
Codes

(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.

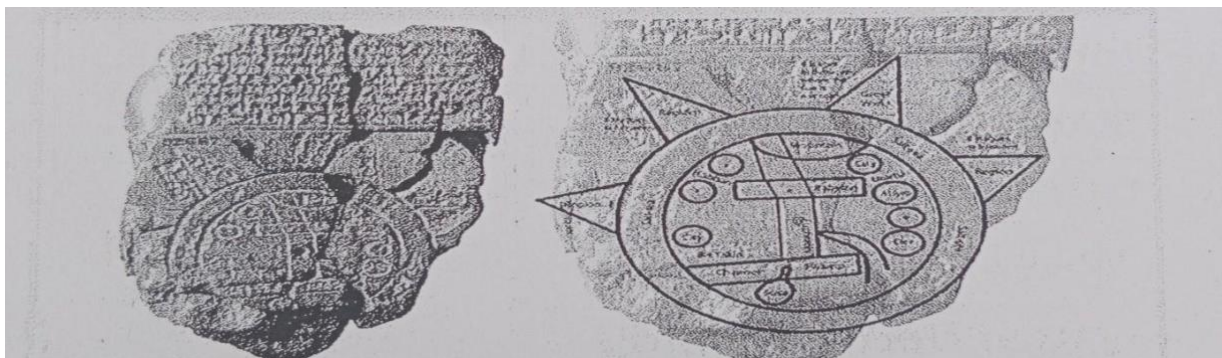
(d)A is false, but R is true.

Assertion / Reason

Assertion (A): The scale of a map shows how the distances on the map relate to real distances on the ground.

Reason (R): Symbols on a map are small, simple pictures that stand for real things like roads, buildings, rivers and important landmarks.

Q4 Identify this image.



- (a) Map From The Ancient City Babylon
- (b) Map From The Ancient City Athens
- (c) Map From The Ancient City Timbuktu
- (d) Map From The Ancient City Beijing

Q5 You are walking north and then turn 90 degrees to your right. Which cardinal direction are you are facing now? Also describe one way you can find the north direction during the daytime without using compass.

Q6. Can you think of studying geography without maps? Why or Why not?

Q7 By using conventional symbols, make a plan of your school building by making important features like basement, classrooms, science lab and library.

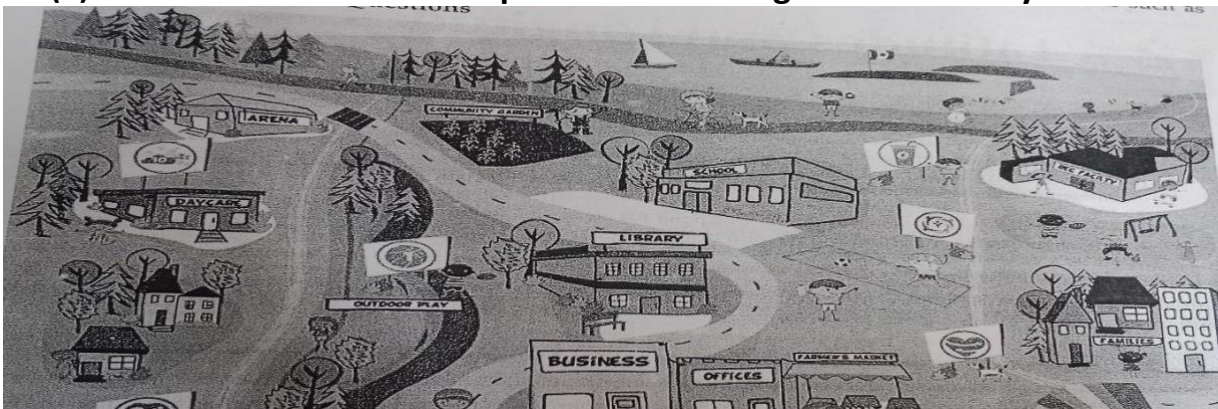
Q8 Draw the map of India with coloured pencil and label all 28 states and 8 union territories on this map.

Q9 Picture-Based Questions

Observe the image of a community map and answer the following questions:

(a) Which key features can you identify in the image?

(b) How do these features help in understanding the community?



Q10 List five things that you can use directly from Earth's natural resources. For each one explain which resource it comes from.

Q11 Choose any two different states of India and find out about their tradition clothing, food, festivals etc. Write a short paragraph comparing and contrasting them.

Q12 What is the importance of weather in our lives? Give at least three examples of how weather affects our daily activities.

Q13 What is the difference between a village and a city? List at least three key differences in terms of population, occupation and facilities?

Q14 Imagine you have the power to make one rule that everyone in your school must follow to make it a better place. What would that rule be and why would it be important?

Q15 Suggest some advantages and disadvantages of using social media during holidays and how you can use it responsibly.

विषय –संस्कृत

- 1) 10 शब्दानां एकम् शब्दकोशं रचयत।
- 2) पञ्च मित्राणां नाम्नां वर्णवियोजनं कुरुत।
- 3) पञ्च मित्राणां नाम्नां वर्णसंयोजनं कुरुत।
- 4) पञ्च सरल संस्कृत वाक्येषु स्वस्य परिचयं लिखत।
- 5) पञ्च पुल्लिङ्ग शब्दानाम् शब्दरूपं लिखत।
- 6) राम शब्दरूपस्य प्रयोगं कृत्वा वाक्यानि रचयत।
- 7) दश पक्षिणाम् नामानि लिखत।
- 8) दश फलानाम् नामानि लिखत।
- 9) लिङ्गानुसार पृथक् कुरु।
रामः, बालकः, सूर्यः, सीता, गृहम्, आकाशः, फलम्, लेखनी, लक्ष्मी, पृथ्वी, गजः
प्रभा, जलम्, नदी, वनम्, अश्वः
- 10) चित्रम् दृष्ट्वा नामानि लिखत।



Subject - French

Ques 1. Écrivez la bonne réponse.

- a) La France s'appelle
- b) La capitale de la France est Ques

2. Epelez bien.

- a) Bon nuit

b) Enchente

c) Au rever

d) A biento

e) Monsiur

Ques3. Écrire la conjugaison du verbe être. Ques4.

Relie les deux colonnes.

a) Le matin Bon après-midi

b) Le soir Bonsoir

c) L'après-midi Bonne nuit

d) La nuit Bonjour

Ques 5. Écrivez les nombres de 1 à 10 en toutes lettres.

Ques6. Présentez-vous.

Ques 7 Conjuguez être.

Ques 8 Complétez avec la bonne forme de l'adjectif.

a) Les étudiants sont (handsome).

b) Pauline est (tall).

c) Mon ami est (young).

d) Les filles sont(short).

e) La femme est (beautiful). Ques

9.Écrire le nom des jours.

Ques 10. Retrouvez les mots.

a) TLASU

b) ROBJNOU

c) IRMCE

d) VRIOER UA.

e) ENNOB IUNT

Ques11. Chassez l'intrus:

- a) Bonjour, À bientôt, Salut, Enchanté
- b) Merci, De rien, S'il te plaît, Au revoir
- c) Ça va, Salut, Comme ci comme ça, Pas mal
- d) Bonne soirée, Au revoir, Bonne journée, Bonjour

Ques 12. Écrire le nom de cinq lieux et monuments célèbres de la France.

Ques 13. Complétez avec les articles indéfinis.

- a) trousse.
- b) crayon.
- c) cahiers.
- d) cartable.
- e) gomme.

Ques14 Écrire le nom de dix pays et leurs capitales. Ques 15.

Complétez avec le verbe << être >>.

- a) Je américain.
- b) Tu français.
- c) Il indien.
- d) Elle Indienne.
- e) Nous italiens.

Ques16. Écrire les noms des mois. Ques 17.

Écrire le nom de dix couleurs. Ques18. Écrire le nom de dix fruits.

Ques19. Écrire le nom de dix légumes.

Ques 20. Mets les phrases dans le bon ordre.

- a) et des / sac/ilya/mon / dans / livres / deux cahiers
- b) ma/gomme / il n'y a pas de / dans / trousse
- c) bouteille / sac/dans/mon/il n'y a pas de
- d) ma/stylo / il n'y a pas de / dans / trousse

Subject- Computer

- 1. Create an excel sheet to track famous books, including author, genre and rating of the book and take a print out of it.**
- 2. Create A3 size sheet chart on Excel Formulas.**
- 3. Create a comic strip about the adventure of a byte of data as it travels through different storage devices.**

Subject - Art

Do Page no: 10, 11, 12, 13, 14 and 15 in file.

Make a poster on WORLD ENVIRONMENT DAY.