



**St. Mary's School, Dwarka**

**Holiday Homework 2026**

**Class: VI**

**Worksheet 3**

**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.**

**SECTION A- READING ( 5 marks)**

**Q1. Read the following passage.**

**(1x5=5)**

1. Certain beaches around the world turn into magical glowing shores at night. This natural wonder is known as **bioluminescence**, where tiny living organisms in the water produce light. One of the most famous examples can be seen in places like the Maldives, Puerto Rico, and parts of Australia. When waves crash or water is disturbed, the sea lights up in shades of blue and green, creating a dreamlike effect.
2. These glowing organisms are usually microscopic plankton called **dinoflagellates**. They emit light as a defence mechanism to scare away predators. When disturbed, they produce a flash of light, which makes the ocean appear as if it is sparkling with stars.
3. Tourists from all over the world visit these beaches to witness this rare phenomenon. Walking along the shore at night feels like stepping into a fantasy world, where every footprint leaves a glowing trail behind. Scientists also study bioluminescence to understand marine ecosystems better and explore possible medical and technological uses.
4. However, pollution and climate change are threatening these delicate organisms. Changes in water temperature and chemical balance can reduce their numbers, making these glowing beaches less common over time. Protecting marine environments is essential to preserve this natural wonder for future generations.

**Q1. Based on your understanding of the passage, attempt the questions given below.**

**i. What causes the ocean to glow at night according to the passage?**

**(1)**

- a) moonlight reflecting on waves
- b) bioluminescent organisms in water

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- c) artificial lights from ships
- d) glowing sea rocks

**ii. Why do dinoflagellates produce light? (1)**

**Complete the sentence:**

They produce light to \_\_\_\_\_.

**iii. What is the main theme of the passage? (1)**

- a) ocean pollution and fishing industry
- b) marine tourism and hotels
- c) natural ocean light phenomenon and its importance
- d) underwater transportation systems

**iv. What is the mood created when walking on a bioluminescent beach? (1)**

- a) frightening
- b) magical
- c) boring
- d) aggressive

**v. Find the word from the passage that means “extremely small living organisms.” (1)**

**Q2.** You are Aman/Ananya. Your uncle called while your parents were not at home. He informed you that your family wedding invitation cards are ready and need to be collected today from the printing shop. Write a message in **50 words** to your parents as you are going for tuition. (3)

**Q3. Fill in the blanks with the appropriate words to complete the passage. (½X4=2)**

In (i) \_\_\_\_\_ study conducted by environmental researchers, it was observed that (ii) \_\_\_\_\_ students are now becoming more aware of climate change and its impact on daily life. (iii) \_\_\_\_\_ participants reported that they actively try to reduce plastic usage by carrying reusable bottles and bags. However, (iv) \_\_\_\_\_ still find it difficult to change old habits due to convenience and lack of awareness in certain areas.

- i. (a) a (b) an (c) the (d) of
- ii. (a) many (b) much (c) few (d) little
- iii. (a) several (b) each (c) none (d) any
- iv. (a) some (b) every (c) all (d) either

**Q4. Fill in the blanks with the appropriate words to complete the passage. (½X4=2)**

On Sunday, my family decided to visit the zoo. We (1) \_\_\_\_\_ planned the trip in advance, so everything went smoothly. My little sister was (2) \_\_\_\_\_ excited to see the lions. We walked (3) \_\_\_\_\_ around the zoo, stopping at every enclosure. The elephants were bathing (4) \_\_\_\_\_ in the pond.

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1. (a) never (b) easily (c) carefully (d) always
2. (a) extremely (b) quietly (c) seldom (d) rarely
3. (a) slow (b) slowest (c) slowly (d) seldom
4. (a) lazily (b) loudly (c) rarely (d) eagerly

**Q5. Read the given extract to attempt the questions that follow.**

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

**“That man who just left does a drawing on the tablecloth as a tip for Papa if he likes his meal. You went and threw it in the fire. He’s the most famous painter in the world. Idiot!” She was in tears now.**

**i. What does this incident reveal about the contrast between appearance and reality in the story?**

**(1)**

- a) The man was pretending to be poor but was actually wealthy.
- b) A simple-looking customer was actually a highly respected artist.
- c) The girl misunderstood the value of the tablecloth.
- d) The restaurant was more important than the guest.

**ii. Why does the girl’s reaction shift from anger to tears?**

**(1)**

**Complete the sentence:**

Her reaction changes because \_\_\_\_\_.

**iii. What can be inferred about the significance of the drawing that was destroyed?**

**(1)**

**It was \_\_\_\_\_.**

- a) just a casual sketch with no value
- b) a worthless doodle made for fun
- c) a valuable artwork by a renowned painter
- d) meant to decorate the table only

**iv. What does the use of the word “idiot” most strongly suggest about the emotional intensity of the moment?**

**(1)**

- a) controlled disagreement
- b) polite correction
- c) extreme shock and regret
- d) neutral explanation

**Answer the questions in 20-40 words.**

**(2x3=6)**

**Q6. What qualities of Picasso from the story ‘Meeting Cezanne’ would you like to imbibe? Why?**

**Q7. How did Mellidora help the old lady?**

**Q8. Why does Saccho want to play with the bigger boys?**

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**Answer the question in 40-60 words.**

**Q9.** What is the significance of the crow and the hemlock tree in the poem? **(3)**

**Q10.** Create an attractive and informative **sports magazine cover** featuring a famous cricketer of your choice on an A4-size sheet. Design a colourful and creative cover page that reflects the excitement of cricket and highlights the player's achievements.

**Instructions:**

- Use an A4-size sheet for the activity.
- Give your magazine a creative title.
- Include a drawing or picture of the cricketer.
- Write five major achievements or records of the player.
- Add catchy headlines, fun facts, or match highlights.
- Include a motivational sports quote.
- Decorate the page with cricket-themed elements such as bats, balls, stadiums, scoreboards, or jerseys.
- Make the magazine neat, colourful, and visually appealing. **(2)**

**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 गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर दीजिए—

(1x5=5)

जीवन में हार-जीत, हानि-लाभ, यश-अपयश, सफलता-असफलता आदि सब कुछ मन पर निर्भर हैं। प्रायः देखा गया है कि अनेक व्यक्ति बूढ़े होने पर भी जवान दिखलाई देते हैं और कुछ युवा होते हुए भी बूढ़े दिखने लगते हैं। कुछ अंधाधुंध धन होने पर भी निर्धन बने रहते हैं, कुछ फटेहाल रहकर भी मस्त और सुखी रहते हैं। कौरव संख्या और धनबल में पांडवों से बहुत अधिक थे किन्तु जीत पांडवों की हुई। मन की दृढ़ता के कारण सावित्री यमराज से भी मिड़ गई और अपने पति को जीवन दे सकी। नचिकेता ने न केवल मृत्यु को जीत लिया, बल्कि दूसरों के लिए भी अनेक वरदान प्राप्त किए। महात्मा गांधी और उनके सहयोगी केवल मन की दृढ़ता के बल पर अंग्रेज़ी साम्राज्य से लड़ गए। अतः जीत चाहने वालों को मन की दृढ़ता पैदा करनी होगी। मन को जीतना होगा।

(i) मन की दृढ़ता के कारण सावित्री किससे मिड़ गई?

- (क) समाज से
- (ख) यमराज से
- (ग) भगवान से
- (घ) ससुराल से

(ii) नचिकेता ने किस को जीत लिया था?

- (क) देश को
- (ख) मानव जाति को
- (ग) मृत्यु को
- (घ) धन-संपत्ति को

(iii) महात्मा गाँधी और उनके सहयोगी से किससे लड़ गए?

- (क) अंग्रेज़ी साम्राज्य से
- (ख) अंग्रेज़ी सेना से
- (ग) अंग्रेज़ी अफसर से
- (घ) अंग्रेज़ी रानी से

(iv) कौरव किसमें पांडवों से अधिक थे?

(v) मन पर क्या-कुछ निर्भर होता है?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 'तुम्हारा घर तो मंदिर के पास है।' इस वाक्य में सर्वनाम का कौन-सा भेद है?

प्रश्न 3 12, 18, 23, 27 इन संख्याओं को शब्दों में लिखिए।

प्रश्न 4 'काल' शब्द के अनेकार्थक शब्द लिखिए।

प्रश्न 5 'आलय' में विभिन्न शब्द जोड़कर दो नवीन शब्द बनाइए।

प्रश्न-6 संज्ञा के सभी भेदों के नाम उदाहरण सहित लिखिए।

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) ध्यानचंद का जन्म कहाँ हुआ था? बाद में वे कहाँ आकर बस गए?

(ख) 'मातृ भूमि' कविता के अनुसार यहाँ पर किस-किस का जन्म हुआ था? मातृभूमि आपके लिए क्या महत्त्व रखती है?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×2=2)

(क) लेखिका को बच्चों को पढ़ाने का कार्यक्रम स्थगित क्यों करना पड़ा?

(ख) सेठ बनारसी दास कैसे व्यक्ति थे?

प्रश्न-9 संकेत बिंदुओं के आधार पर 70 से 80 शब्दों में अनुच्छेद लिखिए —

(5×1=5)

आदर्श विद्यार्थी — 1 अर्थ

2 महत्त्व

3 आश्यकता

4 लाभ

प्रश्न-10 घर की अनुपयोगी (waste material) चीजों से छाता बनाइए।

(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 ।

(1 दिए गए प्रश्नों के उत्तर संस्कृत की उत्तर पुस्तिका में लिखिए ।

2 सभी प्रश्नों के उत्तर पूर्णवाक्य में लिखकर रिक्त स्थानों को रेखांकित कीजिए ।

3 कार्य स्वच्छ ,शुद्ध एवं स्पष्ट लेख में कीजिए । )

प्रश्न 1 निम्नलिखित रिक्त-स्थानानि पूरयत ।

(निम्नलिखित रिक्त स्थान भरिए—)

(4)

(क) संस्कृत में ..... पुरुष होते हैं ।

(ख) ..... को बिना किसी की सहायता के बोला जा सकता है

(ग) वर्णों को जोड़ने की प्रक्रिया को ..... कहते हैं ।

(घ) संयुक्त व्यंजन ..... व्यंजनों के मेल से बनता है ।

प्रश्न 2 'व्यंजनस्य' परिभाषां लिखत ।

(2)

('व्यंजन' की परिभाषा लिखिए । )

प्रश्न 3 संस्कृत संख्यानाम् मेलनम् कुरुत ।

( संस्कृत संख्याओं का मिलान कीजिए । )

(2)

संस्कृत	हिन्दी
पञ्च	चार
त्रि	पाँच
चतुः	एक
एकः	तीन

प्रश्न 4 परस्परं सम्बद्धानि पदानि संयोजयन्तु ।

( परस्पर सम्बद्ध पदों को जोड़े । )

(2)

अ	आ
गायिका	चालयति
नर्तकः	लिखति
चालकः	नृत्यति
लेखकः	गायति

प्रश्न 5 रक्तफलम् , अजः शब्दयोः हिन्दी अर्थ लिखत ।

(2)

(रक्तफल , अज शब्दों का हिन्दी अर्थ लिखिए । )

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प्रश्न 6 चित्रं दृष्ट्वा पशूनाम् नामानि संस्कृतभाषायाम् लिखत ।  
( चित्र को देखकर पशुओं के नाम संस्कृतभाषा में लिखें । )

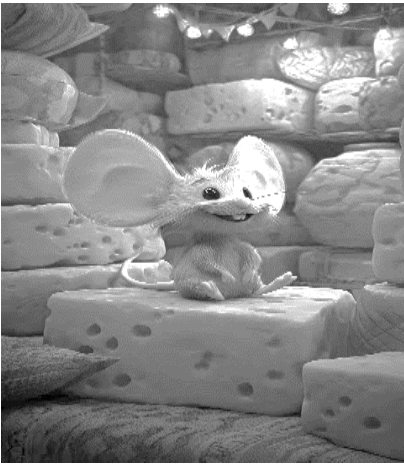
(2)



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



प्रश्न 7 मञ्जूषायाः पदानि चित्वा रिक्तस्थानानि पूरयत ।

(2)

(मञ्जूषा से पदों को चुनकर रिक्तस्थानों को पूरा करिए।)

सः ..... , .....

सा .....

तत् .....

(मञ्जूषा — बालिका , गजः , पर्वतः , पुष्पम्)

प्रश्न 8 उचित शब्दरूपैः रिक्तस्थानानि पूरयत ।

(2)

(उचित शब्दरूपों से रिक्तस्थान को पूरा करिए।)

अश्वः ..... अश्वाः

सरोवरः सरोवरौ .....

..... सूर्यौ सूर्याः

वानरः ..... वानराः

प्रश्न 9 निम्न पदेषु नपुंसकलिङ्ग शब्दान् चित्वा लिखत ।

(निम्न शब्दों में से नपुंसकलिङ्ग शब्द चुनकर लिखिए।)

(2)

अजा , गजः , फलम् , चन्द्रः , कपोतः , व्यजनम् , लेखनी पुष्पम् आम्रम्

### परियोजना कार्य

प्रश्न 10 आइसकीम स्टिक की सहायता से सूर्य के सात दिनों के नाम संस्कृत में लिखें ।

(5)

विषय की सटीकता , स्वच्छता , रचनात्मकता , प्रस्तुतिकरण

**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. Choose the correct answer: (2)

(i) The LCM of two prime numbers is theirs \_\_\_\_\_

- a. sum
- b. difference
- c. quotient
- d. product

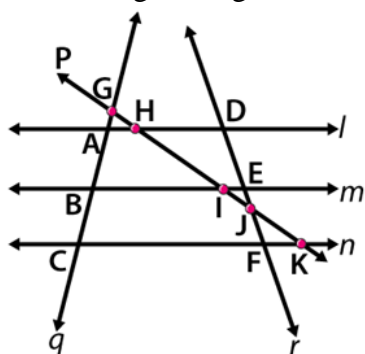
(ii) What is the difference between the place value and face value of 5 in 210517?

- a. 4995
- b. 5005
- c. 495
- d. 395

Q2. Fill in the blanks: (2)

- (i) \_\_\_\_\_ is the successor of the largest 3-digit number.
- (ii) Division of a natural number by \_\_\_\_\_ is not defined.
- (iii) \_\_\_\_\_ is a factor of every number.
- (iv) The numbers with more than two factors are called \_\_\_\_\_

Q3. From the given figure, write (2)



- (i) all pairs of parallel lines.
- (ii) all pairs of intersecting lines.
- (iii) lines whose point of intersection is I.
- (iv) lines whose point of intersection is D.

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Q4. Simplify:  $12 + 6 \times 27 \div 3 + 2 - 16 \div 8 \times 2$  (2)

Q5. Draw a line segment of 5 cm. At its midpoint, draw a perpendicular line segment of 4 cm. What type of angle is formed between the two line segments? (2)

Q6. Check whether the following numbers are divisible by 4. (2)

a. 70169803

b. 82901256

Q7. Find the prime factorization of: (3)

a. 8225

b. 532

Q8. Using protractor, draw the following angles: (3)

(i)  $58^\circ$

(ii)  $135^\circ$

(iii)  $157^\circ$

Q9. Find the LCM of 32, 64, 128. (3)

Q10. Activity – Draw and decorate an A-4 size sheet with Warli art using different geometrical shapes. (4)

**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

**General Instructions:**

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

Q1. Aarav observed a plant climbing on a wall with the help of support. The plant is most likely a: (1)

- a) Herb
- b) Shrub
- c) Tree
- d) Climber

Q2. Which of the following materials will float on water? (1)

- a) Iron nail
- b) Stone
- c) Wooden block
- d) Steel spoon

Q3. Assertion (A): Magnets are used in compasses to find directions. (1)

Reason (R): A freely suspended magnet always points in the north-south direction.

- 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.

Q4. While helping in the kitchen, Riya mixed sugar and flour in water separately. She observed different Results. Name the substance that dissolved in water and explain why the other did not dissolve. (2)

Q5. Kabir noticed that banana leaves have parallel veins while neem leaves have net-like veins. Differentiate between the two types of venations and mention the type of roots associated with them. (2)

Q6. During a treasure hunt, students were asked to separate iron pins, sand, and rice grains mixed together. Explain the steps they should follow to separate all three materials and mention the method used in each step. (3)

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- Q7. Imagine you are designing a “super school bag” for students during the summer holidays.  
Which materials would you choose and why? Mention any three properties of materials in your answer. (3)
- Q8. Your school is planning to create a “Mini Jungle Corner” for the summer holidays. You have been asked to choose plants for different purposes such as shade, decoration, and ground cover. Suggest: one tree, one shrub, and one creeper/herb for the garden and explain one feature of each plant that makes it suitable for the purpose. (3)
- Q9. During a summer camp challenge, students were asked to design a “Secret Reading Tent” using different materials such as clear plastic sheets, butter paper, black chart paper, and coloured cellophane sheets. Their goal was to allow enough light for reading while also maintaining privacy inside the tent.
- a. Which material would be best for making a window that allows maximum light inside the tent? (1)
  - b. Which material should be used to completely block sunlight from entering one side of the tent? (1)
  - c. Which material would allow only some light to pass through and create a dim effect inside? (1)
  - d. Why would transparent materials be useful while designing the reading area of the tent? (1)
- Q10. Perform the following activity and answer the questions that follow:
- Activity:
- 1. Take an iron nail, a bar magnet, and a few pins.
  - 2. Stroke the iron nail with the bar magnet in one direction 20–30 times.
  - 3. Bring the nail close to the pins and observe carefully.
- a) What happened when the nail was brought near the pins? (1)
  - b) Why did the nail attract the pins? (1)
  - c) What type of magnet was formed in this activity? (1)
  - d) Was the magnet formed permanent or temporary? (1)
  - e) Mention one use of temporary magnets in daily life. (1)

**Subject: Social Science**

**General Instructions:**

- The work should be done neatly and in a systematic way.
- The given worksheets is to be done in the History, Civics & Geography notebooks.
- All the Activities are to be done on a single Scrap File
- Mention the number of Worksheets while doing the work.
- Write all the questions along with the answers.

1. Why did early humans travel from one place to another? Give any two reasons. (1)
2. What is the importance of festivals? (1)
3. Why is Kashmir called the “Paradise on Earth”? (1)
4. Prepare a Graphic Organizer (G.O.) of the Stone Age. (2)
5. Describe the language diversity found in India. (2)
6. Who are historians? What do they study? (2)
7. Explain the different colours used in maps and mention what each colour shows. (3)
8. Name and explain the three essential elements of a map with examples. (3)
9. Write any three differences between the Palaeolithic Age and the Neolithic Age. (5)
- 10.



Answer the following questions about Tamil Nadu:

- (i) In which part of India is Tamil Nadu located?
- (ii) Which rivers make the plains of Tamil Nadu fertile?
- (iii) What is the name of the southernmost tip of peninsular India situated in Tamil Nadu?
- (iv) Mention some famous tourist attractions of Tamil Nadu. (5)

**PROJECT WORK:**

**Activity:** “Identify the Differences between Political and Physical Maps”

**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.

**No. of Questions: 10**

**M.M: 25**

**Q1. Choose the correct answer from the following:**

**(1x10=10)**

- i) Which device is commonly used to scan product information in stores?  
A. Projector  
B. Barcode scanner  
C. Printer  
D. Speaker
- ii) Coding is mainly used to give \_\_\_\_\_ to computers.  
A. Food  
B. Instructions  
C. Paint  
D. Electricity
- iii) Which of the following is an example of coding in daily life?  
A. Traffic lights  
B. Trees  
C. Clouds  
D. Mountains
- iv) What is the role of coding in a video game?  
A. To clean the screen  
B. To create game actions and rules  
C. To charge the battery  
D. To print the game
- v) What is the advantage of using sensors in machines?  
A. Machines can react automatically  
B. Machines become heavier  
C. Machines stop working  
D. Machines lose power
- vi) Pseudocode is written in \_\_\_\_\_ language.  
A. Natural  
B. Machine only  
C. Binary only  
D. None
- vii) Why is pseudocode useful?  
A. It helps plan logic before coding  
B. It replaces computers  
C. It reduces electricity  
D. It prints documents
- viii) An algorithm should be written in \_\_\_\_\_ order.  
A. Random  
B. Logical  
C. Reverse  
D. Circular

**Std. VI Worksheet 3**

ix) Which of the following best describes pseudocode?

- A. Informal way of writing program steps
- B. A game
- C. A painting tool
- D. A barcode

x) In Makecode Arcade, what does the fill tool do?

- A. Draw freehand strokes
- B. Create Rectangular shapes
- C. Fills a selected area or shape
- D. Adjusts the pencil thickness

Q2. What are Variable Blocks used for? (1)

Q3. "Only one flow line should enter a decision box, but two flow lines should leave the decision box". Justify the given statement. (1)

Q4. Name any two devices that use coding. (1)

Q5. Name the first game Steve Russel and his team created in 1961. (1)

Q6. What is the use of a decision box in a flowchart? Draw a neat diagram. (2)

Q7. Identify and write the use of the flowchart symbol given below. (2)



Write the output of the code given below. (2)

Q8.

```
on start
  splash "Welcome to Our School"
```

Q9.

```
on start
  splash "Good Afternoon, Class VI"
```

Std. VI Worksheet 3

Q10. Label the given below window of MakeCode arcade.

(5)

