



St. Mary's School, Dwarka

Holiday Homework

Class: VI

Worksheet 2

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: 10

M.M.25

SECTION A- READING (5 marks)

Q1. Read the following passage.

(1x5=5)

Electric vehicles (EVs) have gained significant attention in recent years as a promising solution to reduce greenhouse gas emissions and air pollution. Unlike traditional vehicles powered by internal combustion engines, electric vehicles operate on electricity stored in batteries, which can be charged through electric outlets. This technology has revolutionized the transportation sector, offering a cleaner alternative to gasoline-powered cars.

One of the key advantages of electric vehicles is their zero-emission nature. Since they do not rely on burning fossil fuels, EVs produce no tailpipe emissions, such as carbon dioxide (CO₂), nitrogen oxides (NO_x), or particulate matter, which are harmful to both the environment and human health. As a result, widespread adoption of electric vehicles could play a pivotal role in reducing air pollution and mitigating climate change.

In addition to environmental benefits, electric vehicles offer economic advantages as well. With fewer moving parts compared to traditional vehicles, EVs require less maintenance and have lower operating costs. Furthermore, the increasing availability of charging infrastructure and the declining cost of batteries are making electric vehicles more affordable and accessible to the average consumer. As technology continues to advance, it is expected that EVs will sustain a sustainable and cleaner future.

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

i. How do electric vehicles (EVs) generate power as mentioned in the passage?

(1)

ii. According to the passage, what role do electric vehicles play in combating climate change? (1)

- a) contribute to the rise in greenhouse gas emissions
- b) produce no emissions and help reduce air pollution
- c) have no impact on climate change
- d) rely on fossil fuels for energy production

iii. Which of the following statements accurately describes the economic benefits of electric vehicles? (1)

- a) high maintenance costs
- b) require more fuel compared to gasoline-powered cars
- c) cost-effective with lower operating costs
- d) only accessible to high-income individuals

iv. Give the antonym of the word 'pivotal' from the passage. (1)

- a) essential
- b) irrelevant
- c) crucial
- d) important

v. Find the word that means the same as 'declining' in paragraph 3. (1)

Q2. Describe a festival or celebration you enjoy, such as Diwali, Christmas, or Eid. Explain the sights, sounds, activities, and your feelings during the event. Add a suitable title to your paragraph. (80–100 words) (3)

Q3. Fill in the blanks with the appropriate words to complete the passage. ($\frac{1}{2} \times 4 = 2$)

During (1) _____ school play, Sara delivered her lines (2) _____, captivating the audience with her performance. The stage was (3) _____ with colourful props and backdrops. After the show, the cast received applause from the audience (4) _____. Everyone congratulated Sara on her outstanding performance.

- 1. (a) the (b) an (c) a (d) X
- 2. (a) rarely (b) confidently (c) fortunately (d) slowly
- 3. (a) booming (b) enhancing (c) moving (d) humming
- 4. (a) personally (b) quickly (c) individually (d) wholeheartedly

Q4. Fill in the blanks with the appropriate words to complete the passage. ($\frac{1}{2} \times 4 = 2$)

Last Sunday, we visited (1) _____ zoo located near our city. We saw (2) _____ amazing animals, including lions, giraffes, and elephants. I was especially excited to see (3)

_____ panda that had just arrived from another country. We also clicked (4) _____ pictures to remember the day.

1. (a) the (b) a (c) an (d) some
2. (a) much (b) any (c) many (d) each
3. (a) some (b) many (c) an (d) a few
4. (a) many (b) some (c) a (d) much

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

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

The way a crow

Shook down on me

The dust of snow

From a hemlock tree

i. The mood of this poem can best be described as_____ .

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

- a) angry and violent
- b) simple and peaceful
- c) sad and gloomy
- d) excited and energetic

ii. What season is likely being depicted in this poem?

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

- a) Spring
- b) Summer
- c) Winter
- d) Fall

iii. The crow's action in the poem is_____ .

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

- a) flying away
- b) singing loudly
- c) shaking the tree
- d) building a nest

iv. The poem suggests that the speaker is_____.

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

- a) indoors watching through a window
- b) under the hemlock tree
- c) far away from the tree
- d) climbing the tree

Answer the question in 20-40 words.

(2x3=6)

Q6. What cheered the speaker on a dull snowy day in the poem 'Dust of Snow'?

Q7. Why did the prince seek his aunt's advice before choosing a bride?

Q8. Why does the writer reveal Saccho's identity only at the end?

Answer the question in 40-60 words.

(3)

Q9. What do you understand about Yannick from the story?

Activity:

Q10. Prepare a character analysis booklet for the novel *Heidi*, dedicating one full page to each main character such as Heidi, her grandfather and Peter. **(2)**

- Create a **cover page** for the booklet.
- On each page, include a detailed character sketch with their physical description, personality traits, and role in the story.
- Use A4-sized sheets for each page of the booklet.
- Use headings, bullet points, or short paragraphs to make the information clear and attractive.
- Make sure each page shows how the character is important to the story of *Heidi*.

Subject: Hindi

No. of questions: 10

M.M. 25

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 गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर दीजिए—****(5×1=5)**

अपने लिए तो सभी जीते हैं। पशु-पक्षी भी अपना और अपनी संतान का पालन-पोषण करते हैं। मनुष्य अन्य जीवों से श्रेष्ठ प्राणी है। वह अपने विवेक से स्वयं के लिए तो सारे कार्य करता ही है, दूसरों के कल्याण के लिए भी कार्य करता है। आधुनिक युग की समस्त सुविधाओं को एक मनुष्य ने अन्य मनुष्यों के लिए उपलब्ध कराया है। एक-एक आविष्कार मनुष्यों को सुख-सुविधाएँ देने के लिए किया गया है। धर्म भी यही सिखाता है कि दूसरों की भलाई के लिए कार्य करने चाहिए। तुलसीदास जी ने तो इससे भी बढ़कर यह कह दिया है कि दूसरों का भला करने के समान और कोई धर्म नहीं है। समाज में सदा से ही दो वर्ग रहे हैं। एक वर्ग के पास धन-संपत्ति आदि समस्त सुविधाएँ हैं और दूसरा सुविधाहीन है। सुविधाहीन लोगों की सहायता करना ही परोपकार कहलाता है। कहते हैं दान करने से धन बढ़ता है इसलिए प्रत्येक व्यक्ति को किसी-न-किसी रूप में दूसरों की सहायता अवश्य करनी चाहिए।

(i) सभी जीवों में कौन श्रेष्ठ माना गया है?

- (क) घोड़ा
- (ख) मानव
- (ग) वानर
- (घ) सिंह

(ii) आविष्कार क्यों किये गए हैं?

- (क) मनुष्यों को रुपये देने के लिए
- (ख) मनुष्यों को सम्मान देने के लिए
- (ग) मनुष्यों को जीवन देने के लिए
- (घ) मनुष्यों को सुख-सुविधाएँ देने के लिए

(iii) सबसे बड़ा धर्म क्या है?

- (क) दूसरों की सेवा करना
- (ख) दूसरों का धन लेना
- (ग) दूसरों से सेवा करवाना
- (घ) दूसरों को मना करना

(iv) मनुष्य अपने विवेक से क्या कर सकता है?

(v) समाज में कौन - से दो वर्ग हैं?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 'मेरा देश भारतवर्ष है।' इस वाक्य में संज्ञा शब्द छँटकर भेद का नाम लिखिए ?

प्रश्न 3 13, 19, 21, 28 इन संख्याओं को शब्दों में लिखिए।

प्रश्न 4 'आँखों में धूल झोंकना' इस मुहावरे का वाक्य बनाइए।

प्रश्न 5 'किए गए उपकार को मानने वाला' इस वाक्यांश के लिए एक शब्द लिखिए।

प्रश्न-6 संज्ञा किसे कहते हैं?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) हॉकी का जादूगर किसे कहा गया है और क्यों? आपको कौन-सा खेल पसंद है?

(ख) किसके अधरों पर पहली बूँद आकर गिरी और उससे क्या हुआ?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×2=2)

(क) भरत की माता का नाम क्या था?

(ख) राम तथा लक्ष्मण विश्वामित्र के साथ किस नगर में पहुँचे?

प्रश्न-9 'गर्मी की छुट्टियों' के विषय पर दो मित्रों के बीच हो रही बातचीत को संवाद के रूप में लिखिए।

(5×1=5)

प्रश्न-10 पुराने बॉक्स या बीतल का प्रयोग करते हुए रेल बनाकर संज्ञा के भेदों के नाम लिखिए।

(5×1=5)

Subject: Sanskrit

No. of questions: 10

M.M. 25

सामान्य निर्देश—

- (1) प्रदत्त प्रश्नानाम् उत्तरम् संस्कृत पुस्तिकायाम् एव लिखत ।
(दिए गए प्रश्नों के उत्तर संस्कृत की पुस्तिका में लिखिए ।)
- (2) प्रश्नानाम् उत्तरम् पूर्णवाक्येन लिखित्वा रिक्तस्थानानि रेखांकित करणीय ।
(सभी प्रश्नों के उत्तर पूर्णवाक्य में लिखकर रिक्त स्थानों को रेखांकित कीजिए ।)
- (3) कार्यम् स्वच्छं , शुद्धं एवं स्पष्टं लेखम् एव लेखनीय ।
(कार्य स्वच्छ , शुद्ध एवं स्पष्ट लेख में कीजिए ।)

प्रश्न 1 निम्नलिखित रिक्त-स्थानानि पूरयत ।

(निम्नलिखित रिक्त स्थान भरिए—)

(2)

इ,, उ,, ऐ, ओ,

प्रश्न 2 'व्यंजनस्य' परिभाषां लिखत ।

(3)

('व्यंजन' की परिभाषा लिखिए ।)

प्रश्न 3 संस्कृत शब्दान् अर्थैः सह मेलनम् कुरुत ।

(संस्कृत शब्दों का अर्थों के साथ मिलान कीजिए ।)

(2)

संस्कृत	हिन्दी
लीचिका	आम
द्राक्षाफलम्	लीची
आम्रम्	सेब
सेवम्	अंगूर

प्रश्न 4 संस्कृत शब्दान् अर्थैः सह मेलनम् कुरुत ।

(संस्कृत शब्दों का अर्थों के साथ मिलान कीजिए ।)

(2)

संस्कृत	हिन्दी
आलुकम्	मिर्च
मरीचिका	प्याज
कारवेल्लः	आलू
प्लाण्डुः	करेला

प्रश्न 5 निम्नलिखित रिक्त-स्थानानि पूरयत ।

(2)

(निम्नलिखित रिक्त स्थान भरिए—)

क्,..... ग्,

प्,..... ब्,

प्रश्न 6 निम्नलिखित रिक्त-स्थानानि पूरयत ।

(निम्नलिखित रिक्त स्थान भरिए—)

(2)

एकवचन द्विवचन बहुवचन

1 पठति _____ _____

2 _____ पठथः पठथ

3 पठामि पठावः _____

प्रश्न 7 अनुस्वारयुक्तं द्वौ शब्दौ लिखत ।

(2)

(अनुस्वार वाले दो शब्द लिखिए।)

प्रश्न 8 संयुक्तव्यंजनयुक्तं द्वौ शब्दौ लिखत ।

(2)

(संयुक्तव्यंजन वाले दो वर्ण लिखिए।)

प्रश्न 9 संस्कृत भाषायाम् कति वचनानि भवन्ति? तेषाम् नामानि लिखत ।

(3)

(संस्कृत भाषा में कितने वचन होते हैं? उनके नाम लिखिए।)

परियोजना कार्य

प्रश्न 10 किन्हीं पाँच फलों का 3 डी चित्र या मॉडल बनाकर उन पर संस्कृत में उस फल का नाम लिखिए ।

(5)

Subject: Mathematics

No. of questions: 10

M.M. 25

General Instructions:

- The work should be done neatly and in a systematic way.
- The given assignments are to be done in the math notebook

Q1. Choose the correct answer from the following:

(2)

(i) The LCM of two prime numbers is theirs _____

- sum
- difference
- quotient
- product

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

- 4995
- 5005
- 495
- 395

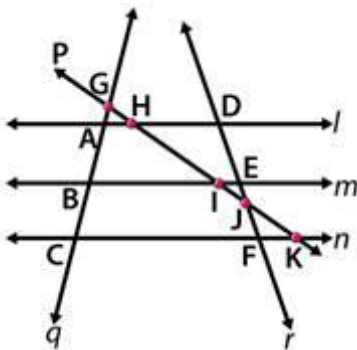
Q2. Fill in the blanks:

(2)

- _____ is the successor of the largest 3-digit number.
- Division of a natural number by _____ is not defined.
- _____ is a factor of every number.
- The numbers with more than two factors are called _____

Q3. From the given figure, write

(2)



- all pairs of parallel lines.
- all pairs of intersecting lines.
- lines whose point of intersection is I.
- lines whose point of intersection is D.

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

(2)

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- Q5. (i) Give three pairs of prime numbers whose difference is 2. (2)
(ii) Write all the numbers less than 100 which are common multiples of 3 and 5.

- 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°
(ii) 135°
(iii) 157°

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

Activity:

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

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. Which of the following groups shows the correct diversity of living organisms? (1)

- a) Chair, table, cupboard
- b) Fish, bird, lion
- c) Pen, pencil, eraser
- d) River, rock, soil

Q2. Which feature is common to all living organisms? (1)

- a) They can fly
- b) They can move on legs
- c) They need food
- d) They have a backbone

For question Q3, two statements are given- one labelled as Assertion (A) and other labelled as Reason (R).
Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below.

- (a) Both A and R are true, and R is correct explanation of assertion.
- (b) Both A and R are true, but R is not a correct explanation of assertion.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

Q3. **Assertion (A):** All living organisms grow and reproduce. (1)

Reason (R): Growth and reproduction are features of machines.

Q4. What do you understand by 'diversity' in living organisms? (2)

Q5. Name two characteristics that help you distinguish between a plant and an animal. (2)

Q6. Why is it important to classify living organisms? (2)

Q7. List three features of living organisms that make them different from non-living things. (3)

Q8. Give examples of three different habitats and one organism from each. (3)

Q9. Anaya visited a park and observed different living organisms: ants walking in a line, birds flying, squirrels climbing trees, mushrooms on decaying wood, and green plants growing. She noted that all these living things were different from each other in shape, size, and movement. (5)

- a. What does Anaya's observation tell us about living organisms?
- b. Why are mushrooms not classified as plants?
- c. Mention any two ways birds differ from squirrels.
- d. What does this case tell you about the diversity of life?

f) Activity-Based Question (5 marks)

Activity Title: *Exploring Diversity Around You*

Objective: To observe and record different types of living organisms in your surroundings.

- a. Observe your school/home garden or nearby open area.
- b. Note **any five living organisms** you see.
- c. For each, write their **habitat, mode of movement**, and **one special feature**.

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 notebook.
- 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.

No. of questions: 10

M.M. 25

Q1. What is a Leap year?

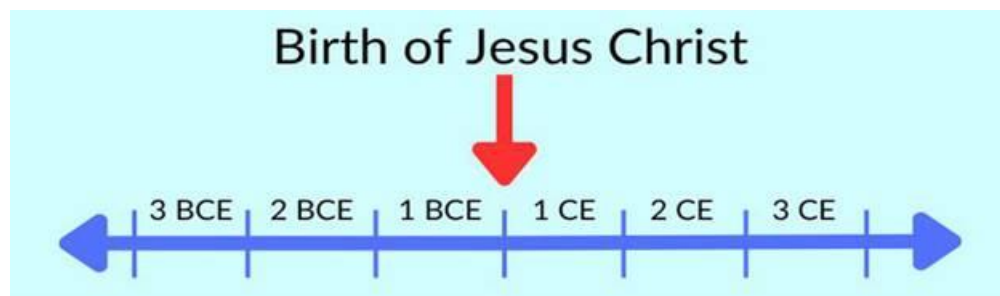
1

Q2. How has the world become a global village?

1

Q3. What do the terms 'BCE' and 'CE' refer to in the given timeline?

1



Q4. Describe the role of an archaeologist. Give examples of what they study.

2

Q5. Make a G.O. on religious festivals of India.

2

Q6. Distinguish between large-scale maps and small-scale maps with examples.

2

Q7. What are manuscripts, and what materials are they typically written on?

3

Q8. Mention any three ways in which the discovery of fire helped early humans.

3

Q9. Define Conventional Signs or Symbols. Draw and label **any four** Conventional Signs or Symbols.

(1+4=5)

Q10. Enumerate the difference between rotation and revolution of the Earth. Explain their effects.

(3+2=5)

Activity: 'Celebrating India's Diversity'

- Ø Create a collage of different Indian festivals, dances, clothes, and languages.
- Ø A collage can include pictures of festivals. Include classical dances like Bharatanatyam, Kathak, Bhangra, etc.
- Ø Add languages and traditional clothes from various states.
- Ø Write a short paragraph (4-5 lines) on how these differences make India a unique and united country.
- Ø In the paragraph, mention how this variety shows India's unity in diversity.

Subject: Computer Science

No. of Questions: 10

M.M: 25

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The questions given should be completed in the Computer Science notebook.

Q1. Read the sentence and choose the correct option.

(1x5=5)

(i). What is one advantage of using pseudocode?

- A. It requires specific programming language knowledge
- B. It focuses on complex syntax rules
- C. It allows programmers to concentrate on logic
- D. It can only be used by expert programmers

(ii). In MakeCode Arcade, what is the function of the Game Simulator?

- A. To write code only
- B. To save projects
- C. To test and debug games
- D. To share projects online

(iii). What is the purpose of Controller Blocks in MakeCode Arcade?

- A. To create game music
- B. To specify button actions
- C. To design backgrounds
- D. To create sprites

(iv). How do traffic lights determine when to change colors?

- A. Random timing
- B. Manual control
- C. Sensor programming
- D. Weather conditions

(v). What is the primary function of Logic Blocks?

- A. To create music
- B. To store variables
- C. To implement conditional statements
- D. To design sprites

Q2. Answer the following questions.

(1x6)

- (i) Who was the first to design the first traffic light? 1
- (ii) Who invented the modern three-lens traffic light? 1
- (iii) Who came up with the first automatic traffic light? 1

Class 6 Worksheet 2

- (iv) Name the first programmer who wrote our modern understanding of a program? 1
- (v) What do you mean by syntax? 1
- (vi) What are Variable Blocks used for? 1

- Q3. What is a bug in programming? 1
- Q4. What tool would you use to create a sprite by drawing it yourself? 1
- Q5. Which block would you use to make a sprite say “Hello” in your game? Draw it. 2
- Q6. Write any four examples of an event? 2
- Q7. Write two advantages of pseudocode. 2

Recognize and write one use of the blocks of MakeCode Arcade given below.

- Q8.  2

- Q9.  2

- Q10.  2

Activity

Note:

- ❖ Open the MS Word document and list all the practical questions.
- ❖ Capture a screenshot (snip) of the MakeCode Arcade programming workspace along with the game simulator.
- ❖ Paste the screenshot below each corresponding practical question.
- ❖ Save the document as a PDF file.
- ❖ Upload the PDF under the **ASSIGNMENT** section in Microsoft Teams.

Design a block code programming using MakeCode Arcade for the following questions. (10)

Practical 3. To find the product of two numbers

Practical 4. To find the area of a square where side=3 cm.