St. Mary's School, Dwarka
Holiday Homework
Std. VI
Week 2
Worksheet 2

Subject: English

General Instructions:

1) **The work should be done neatly and in a systematic way.**
2) **The given questions are to be done in the English notebook.**
3) **Attempt all questions.**

Q1. Read the following passage.   **(1x5=5)**

1. Do you know that around 270 eucalyptus trees or 460 bamboo plants are saved when we produce one tonne of hand-made paper? It is an eco-friendly hand-made paper that also checks the pollution of water, land, and air. Large quantities of polluting chemicals are used by paper mills.

2. Handmade paper is the manual process of paper making typically carried out by an individual. Handmade paper is a single layer of fibres that have been entwined. These are held together by cellulose fibres through natural bonding properties. The mould is covered using a flat frame known as a deckle. This is used to contain the run-off from the wet pulp. The mould is then shaken to evenly distribute the fibres, following which excess water gets drained out.

3. Hand-made paper is the best form of recycled paper. It has a fine surface for writing. It is also strong enough for making drawings. Handmade paper is a stunning example of recycling at work. It was, in fact, concern about the disappearance of forests, coupled with renewed interest in the quality of papers, that generated new study of the paper maker's materials, especially the pulps and fibres. The raw materials used in handmade papers range from all manner of vegetable matter (including leaves, tree moss, potatoes, flowers), old ropes, canvas, linen, new & old cotton rags, banana, mulberry, hemp etc. Any raw material can be used as long as it has fibres capable of forming a continuous sheet. Also important is proper acidic/alkaline balance, which will assure that the paper is archival and will last virtually forever.

4. Paper manufacturing is a very old tradition. It was invented in China nearly two thousand years back. Indians used the leaves of palm trees for writing. Papyrus is a kind of paper made from a reed of the same name. It grew on the banks of the River Nile and was used in Egypt.

5. The hand-made paper industry flourished in India during the Mughal period. But it died with the setting up of paper mills in the 18th and 19th centuries. Mahatma Gandhi revived it during the freedom movement. Today it is a fast-growing industry.

6. Handmade paper has the advantage of being hundred percent wood free which makes it the most eco-friendly form of paper around. It is also hundred percent recycled. Handmade paper is excellent for writing as well as printing. It has greater tensile, bursting, tearing and double-fold strength compared to conventional paper. Apart from all this it looks great, handmade paper is fashionable, it's up-market, it's classy! Our papers can be decorated with flower petals, jute, wool, grass, straw etc. Handmade paper seems to be the perfect thing to have come around in terms of environment friendliness. There are no chemicals used in the manufacture of our handmade paper. The paper is solar dried, so no energy wastage. No trees are cut to make such paper, the pulp used to make the paper is derived from Cotton Fabric Rags, and this makes it hundred percent eco-friendly and natural. So handmade paper cuts down on pollution, it saves trees (and wildlife) thus contributing to a much healthier environment.

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

i. When there was no paper, Indians used to write on.
ii. The word 'revive' used in the passage exactly means,
    a) control
    b) grow
    c) bring back to life
    d) manufacture
iii. Give any two properties of handmade paper.
iv. Which of the following statements is NOT TRUE?
    a) Paper manufacturing was invented in China.
    b) Hand-made paper checks environmental pollution.
    c) Handmade paper has a coarse surface for writing and is not a good option.
    d) The hand-made paper industry is developing and gaining success in India.
v. Suggest a suitable title for the above passage. Answer questions 2 to 4 in 20-40 words.

Q2. Why do you think Zain was not interested in keeping a pet? (2)
Q3. What kind of a brother was Ranjit to his sister, Narinder? (2)
Q4. Do you think Narinder was able to deceive her friends? Why did she do that? (2)

Answer question 5 in 60-80 words.

Q5. How would you have reacted if you were in Coolclear's place? How did Coolclear react on seeing Perythala? (3)

Q6. Design a 'Thank You card' on behalf of Perythala to Coolclear with a picture and a message expressing gratitude for saving his mate. (5)

Q7.   Read the following description of grandparents' gifts for their grandchildren. Complete the
       description by choosing the correct quantifiers.   (2)

We opened Granny's cupboard and were surprised to find two shelves labelled 'Gifts for the family'.
On the first shelf were (a) ___ (many/ much) candies, two jars of jam, (b) ___ (much/ many)
colourful candles, (c) ___ (a few/ some) sugar, twelve eggs, and (d) ___ (many/ most) gold coins in a
pouch. Stacked on the second shelf was a gift for each grandchild, a book for every adult member of
the family, (e) ___ (all/ some) the family pictures, (f) ___ (a few/ much) pieces of traditional table mats, (g)
_____ (many/ much) photo frames, and (h)____(a few/ some) pieces of pottery. However, neither
shelf had what Grandpa was looking for. He just said, 'No shelf had it'. But he did not tell any of us
what 'it' was.

 Q8.

i.   Complete the given sentence, by filling in the blank with the correct option.   (2)
       The Brahmaputra is   river in India.
       (a) the longest (b) long (c) longest (d) longer

ii.   Fill in the blank using the correct degree of the word given in the bracket.
       If you want to be _____, you should exercise every day. (healthy)

Q9. You are Ritvik/Ritika. Your sister's classmate called to inform that she needs her English
notebook back to prepare for an upcoming test. Write a message reminding your sister to return the
notebook soon. You are leaving for your dance classes. The message should not exceed 50 words.
                                                                                            (3)
Q10. Write a paragraph on the topic- 'Water Conservation'.   (4)

Subject: Hindi

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

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 पालन करना शिष्टाचार का ही एक अंग है। यह अनुशासन सामाजिक भी हो सकता है और कानूनी भी। मंदिर-मस्ज़िद और गुरूद्वारे में प्रवेश करने से पहले जूते-चप्पल उतार देने चाहिए। किसी भी सभा में शोर नहीं करना चाहिए। सभा में कुर्सी या मेज़ पर पैर रखकर नहीं बैठना चाहिए। ये सारे सामाजिक अनुशासन के उदाहरण हैं। सड़क पर हमेशा बाई ओर चलना, रेलगाड़ी या बस में धूम्रपान न करना कानूनी अनुशासन के उदाहरण हैं। शिष्टाचार के इन नियमों का पालन न करने से परिवार, समाज, कार्यालय सभी जगह कुव्यवस्था फैलने का भय। संक्षेप, में चाहे घर हो, दुकान हो या कार्यालय सब जगह शिष्टाचार के सहारे हम प्रशंसा और सफलता के पात्र बन सकते हैं। इसके ठीक विपरीत अशिष्ट व्यवहार से दूसरों का दिल तो दुखता ही है हमें भी बदले में दुःख और असफलता हाथ लगती है। शिष्टाचार से पग-पग पर मित्र उत्पन्न होते हैं और अशिष्ट व्यवहार से पग-पग पर दुश्मन।

1 अनुशासन का पालन करना किसका अंग है? 1

(क) धार्मिकता का

(ख) सामाजिकता का

(ग) शिष्टाचार का

(घ) विचार का

2 'मंदिर-मस्ज़िद और गुरूद्वारे में प्रवेश करने से पहले जूते-चप्पल उतार देने चाहिए'— यह किस प्रकार का अनुशासन है? 1

(क) सामाजिक अनुशासन

(ख) कानूनी अनुशासन

(ग) निजी अनुशासन

(घ) आध्यात्मिक अनुशासन

3 शिष्टाचार के सहारे हम किसके पात्र बन सकते हैं? 1

(क) प्रशंसा और असफलता के

(ख) निंदा और सफलता के

(ग) प्रशंसा और बुराई के

(घ) प्रशंसा और सफलता के

4 अशिष्ट व्यवहार से पग-पग पर कौन उत्पन्न होते हैं?   1

(क) दोस्त

(ख) दुश्मन

(ग) समुदाय

(घ) पड़ोसी

5 गद्यांश में से **सफलता** शब्द का विलोम शब्द ढूँढकर बताइए।   1

(क) उन्नति

(ख) नाकामयाबी

(ग) कामयाबी

(घ) असफलता

प्रश्न 2 ' 13, 21, 25, 29' इन संख्याओं का सही क्रम क्या है?   (1×1=1)

(क) तेरह , इक्कीस , पच्चीस , उनतीस

(ख) इक्कीस , तेरह , पच्चीस , उनतीस

(ग) पच्चीस , तेरह , इक्कीस , उनतीस

(घ) उनतीस , तेरह , इक्कीस , पच्चीस ,

प्रश्न 3 'पंजाबी' भाषा की लिपि क्या है?   (1×1=1)

(क) रोमन   (ख) गुरूमुखी   (ग) अरबी-फ़ारसी   (घ) देवनागरी

प्रश्न 4 'शिष्टाचार' शब्द का सही वर्ण – विच्छेद क्या है?   (1×1=1)

(क) श्+इ+ष्+ट्+आ+च्+आ+र्+अ

(ख) श्+ई+ष्+ट्+आ+च्+आ+र्+अ

(ग) श्+इ+ष्+ट्+अ+च्+आ+र्+अ

(घ) श्+इ+ष्+ट्+आ+च्+आ+र्+आ

प्रश्न 5 दिवाली का त्योहार हिंदी के किस महीने में आता है?   (1×1=1)

(क) कार्तिक   (ख) चैत्र   (ग) फाल्गुन   (घ) वैशाख

प्रश्न 6 निम्नलिखित में से कौन-सा रूप भाषा का लिखित रूप है?   (1×1=1)

(क) वाद-विवाद   (ख) भाषण

(ग) बातचीत

(घ) निबंध

प्रश्न 7 'हमको बुद्धू ही निरा समझा है।'कहकर लड़की चाँद से क्या कहना चाहती है? अवसर मिलने पर आप चाँद से क्या बातें करना चाहेंगे?   (3×1=3)

प्रश्न 8 'वह चिड़िया जो' कविता की चिड़िया के क्रियाकलापों से आपने क्या सीखा? अपने विचार बताइए। **(3×1=3)**

प्रश्न 9 (क) राजा दशरथ की चिंता का क्या कारण था? **(2×1=2)**

(ख) राजा जनक ने सीता के विवाह के लिए क्या शर्त रखी थी? **(2×1=2)**

प्रश्न 10 नीचे दिए गए चित्र का वर्णन 50 से 60 शब्दों में कीजिए—

(1×5=5)

Subject: Mathematics

General Instructions:

1) **The work should be done neatly and in a systematic way.**
2) **The given questions are to be done in the Math practice notebook.**
3) **Attempt all questions.**

No. of questions : 10

Q1.   Multiple choice questions: (2)

   (i)   What is the smallest 4-digit number having three different digits?
   a. 1203
   b. 1000
   c. 1002
   d. 1201
   (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 whole number by _____ is not defined.
   (iii)   _____ is a factor of every number.
   (iv)   The numbers with more than two factors are called _____

Q3. Insert the commas and write the following numbers in words using international system of
   numeration: (2)
      (a) 78921092
      (b) 48670002
      (c) 7452283
      (d) 12442373

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

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 4.

Q6. Check whether the following numbers are divisible by 4 and 8.   (3)

   a. 70169803
   b. 82901205

Q7. Using the properties of whole numbers, find the value of the following in suitable way: (3)

   a. 4275×125
   b. 728×101

Q8. Medicine is packed in boxes, each such box weighing 4kg 500g. How many such boxes can be loaded in a van which cannot carry beyond 800kg?   (3)

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

Q10. Make a 10×10 grid and shade the multiples of 2, 3 and 5 with three different colours. Circle the common multiples of 2, 3 and 5 with black pen. Do Q10 in Maths Practical files.   (3)

Subject: Science

Objective:
- Revision of concepts.
- Skills to carry out research and develop scientific aptitude.
- Encouraging learning through experience.

Instructions:

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

Q1. After a heavy lunch at a birthday party, your mother realized that you had a lot of carbohydrates and not enough proteins. Which food dish or food items should she include at the dinner time to keep the balance? (1)

Q2. We cannot see anything in a dark room. Give reason. (1)
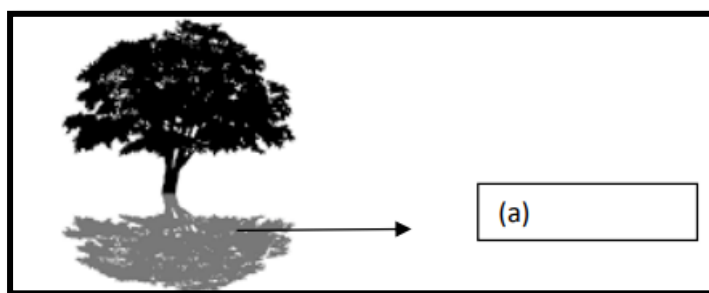
Q3. While using iodine in the laboratory, some drops of iodine fell on Sara's socks, and some fell on her teacher's saree. The drops of iodine on the saree turned blue black while their colour did not change on the socks. What can be the possible reason? (2)

Q4. Notice the shadow of any object (tree/building/ pole etc.) from your window at 8:00 a.m., 12:00 noon and 3:00 p.m. Does the shape and size of the shadow change? Write and explain your observation. (2)

Q5. Collect an empty wrapper of a packaged food item consumed at home such as biscuits, chips, namkeen, etc. Paste the wrapper showing the nutritional information (generally given at the back of the packet - per 100g). (2+1=3)

(i) List the major nutrients present in the above items. Write the importance of these nutrients in our diet.

(ii) Why should we include vitamins and minerals in our diet?

Q6. (i) In the figure below, identify the labelled part, which is formed when light falls on the tree. (1+2=3)

(ii) What are the conditions required for the formation of shadow?

Q7. Take two food items- groundnut and rice grains. Place them on two separate pieces of paper and crush them, taking care that the paper is not torn. After some time, straighten the paper and observe it. (1+1+1=3)

(a) In which of the two cases did you observe an oily patch?

(b) List the nutrient present in the food item that shows an oily patch.

(c) Is this nutrient important for our body? Why?

Q8. After you participated in the 50 m Inter-house race competition, you drank plenty of water. (1+2+2=5)

i) List any two food items rich in water content.
ii) Even though water is not the main nutrient in food, why is it important for our body?

iii) What will happen if we do not consume water?

Q9. Virat was having difficulty in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.

(1+1+3=5)

(a) Name the deficiency disease he might be suffering from.

(b) Which nutrient may be lacking in his diet?

(c) Suggest some food items that he should include in his diet (any three)

Q10. Reuben took a magnifying glass and a paper. He noticed that he could see clearly through the glass but not through paper. He decided to check out several objects at home. Try the activity yourself and place the following items into the correct column based on your observation- Cardboard, glass window, tissue paper, water, wax, air, alumnium foil, cloth piece, tracing paper, spectacles, cellophane sheet, stone, magnifying lens, fog.   (1x5= 5)

Objects through which we can see clearly	Objects through which we can see partially (not completely)	Objects through which we cannot see at all

Subject: Social Science

General Instructions:

- ➢ The work should be done neatly and in a systematic way.
- ➢ The given assignments are to be done in History and Civics notebook.
- ➢ Mention the number of worksheets while doing the work.
- ➢ Write all the questions along with the answers.
- ➢ Maps and diagrams are to be pasted/done in the notebook.

No. of Questions: 10   **M.M. 25**

Answer the following questions:

Q1: How did our country get its name?   (1)

Q2: What do you mean by prejudice?   (1)

Q3: Mention any 4 ways that latitudes are helpful?   (1)

Q4: What do you think, living in India with its rich heritage of diversity, adds to your life?   (1)

Q5: What is mentioned in the constitution regarding equality? Why is it important for all the people
to be equal?   (2)

Q6: 'Diversity is related to Interdependence '. Explain in detail.   (3)

Q7. Mention the various heat zones of the earth with the help of a well-labelled diagram.   (3)

Q8 : Discuss the major developments of Neolithic age.   (3)

Q9 : Explain the major characteristics of meridians or longitude lines.   (5)

Q10. Project work: What are the important features of the painting drawn on the rock shelters of

Bhimbetka? Surf the internet and find out its pictures and make a report in a scrap – book. (5)

Subject: Sanskrit

सामान्य निर्देश

1 प्रदत्त प्रश्नानाम् उत्तरम् संस्कृत पुस्तिकायाम् एव लिखत।

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

2 प्रश्नानाम 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. . . , ए ,. . . .,. . . .औ

प्रश्न 2 'स्वरस्य' परिभाषां लिखत।   (2)

('स्वर' की परिभाषा लिखिए।)

प्रश्न 3 संस्कृत शब्दान् अर्थैः सह मेलनम् कुरूत।

(संस्कृत शब्दों का अर्थों के साथ मिलान कीजिए।)   (4)

संस्कृत	हिन्दी
कदलीफलम्	सेब
नांरगम्	नारियल
नारिकेलम्	केला
सेवम्	संतरा

प्रश्न 4 संस्कृत शब्दान् अर्थैः सह मेलनम् कुरूत।

(संस्कृत शब्दों का अर्थों के साथ मिलान कीजिए।)   (4)

संस्कृत	हिन्दी
कलायः	मिर्च
आलुः	पालक
मरीचम्	आलू
पालक्या	मटर

प्रश्न 5 निम्नलिखित रिक्त-स्थानानि पूरयत।   (2)

(निम्नलिखित रिक्त स्थान भरिए—)

ख,. . .घ,. .

द,. . इ्. .,ण

प्रश्न 6 निम्नलिखित सर्वनामानाम् अर्थैः सह मेलनम् कुरूत।   (4)

    (निम्नलिखित सर्वनामों का अर्थों के साथ मिलान कीजिए।)

संस्कृत	हिन्दी
सा	वे सब
तौ	वह
तानि	वे दो (नपु)
ते	वे दो (पु0)

प्रश्न 7 निम्न पदस्य उचितं वर्ण—विच्छेदं चिनुत—   (1)

    (निम्न पद का उचित वर्ण—विच्छेद चुनिए)

चटका

च् +अ+ट् +अ+क्+अ

च् +अ+ट् +आ+क्+आ

च +अ+ट +अ+क्+आ

च् +अ+ट् +अ+क्+आ

प्रश्न 8 अनुस्वारयुक्तं द्वौ शब्दौ लिखत।   (2)

    (अनुस्वार वाले दो शब्द लिखिए।)

प्रश्न 9 संयुक्तव्यंजनयुक्तं द्वौ शब्दौ लिखत।   (2)

    (संयुक्तव्यंजन वाले दो वर्ण लिखिए।)

प्रश्न 10 संस्कृत भाषायाम् कति वचनानि भवन्ति? तेषाम् नामानि लिखत।   (2)

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

Subject: Computer Science

General Instructions:

1) **The work should be done neatly and in a systematic way.**
2) **The given questions are to be done in the Computer Science notebook.**
3) **Attempt all questions.**

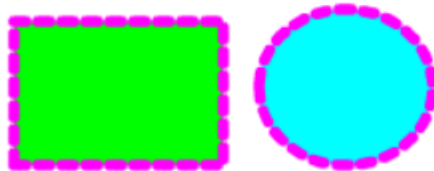**I Fill in the blanks: -**   1x5=5

1) The .... tool is used to draw brush like strokes as if painting with a brush .

2) The default movie size in Flash is ………………………… .

3) …………………, ………………….. and …………… are the drawing modes of the pencil tool in Flash.

4) Web designers use Flash to create ………………………….. , ……………………… and ……………….. .

5) The ………………………….. is the central screen of your main project window .

II Application based questions: -   1x2=2

a)

As shown in the figure given above, Heena copied the stroke effect of the circle on the rectangle. Which tool will she use to copy the stroke style of oval onto the rectangle?

b) Yakshita selected the polystar tool to draw a star but she was able to draw only polygon shape.

What should she do to draw a star on the stage?

III Answer the following questions:-   2x3=6

a) What do you understand by the term grouping and ungrouping an object?

b) Which property of the text tool will be used to write the following equations? a) CH_3OH

i) $E = 1/2\ mv^2$

c) What is the need of faucet option of eraser tool?