



St. Mary's School, Dwarka

Holiday Homework

Class: VIII

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

Q1. Read the following passage.

In recent years, mental health has become an increasingly important topic, especially among young people. The rise of social media, fast-paced lifestyles, academic pressure, and constant digital connectivity has brought mental health challenges to the forefront. While the internet has made communication easier, it has also contributed to anxiety, stress, and loneliness for many individuals.

Social media platforms, for instance, are often filled with carefully curated images and stories, leading users to compare their lives to seemingly perfect ones online. This can result in feelings of inadequacy, low self-esteem, and fear of missing out. Teenagers and young adults are especially vulnerable, as they often seek approval and validation from their online presence.

However, the digital world has also opened new doors for mental health support. Online counselling, therapy apps, support groups, and awareness campaigns have made mental health resources more accessible than before. People can now reach out for help privately and immediately, without the fear of being judged.

Schools and colleges have also begun prioritizing mental well-being. Many institutions now offer mental health workshops, counselling services, and stress management programs. These steps aim to remove the stigma associated with mental health and encourage students to speak openly about their struggles.

It's important to understand that mental health is just as crucial as physical health. Recognising stress, anxiety, or depression early can prevent more serious problems later. By building

supportive environments both online and offline, society can promote emotional resilience and healthier lifestyles.

The conversation about mental health is no longer something to be hidden. It is a vital issue of our time that needs empathy, understanding, and action.

Based on your understanding of the passage, answer the questions given below. (1x5=5)

i. What might be a hidden cost of spending too much time online, especially for young users? (1)

- a) gaining too much information too quickly
- b) becoming too skilled at multitasking
- c) developing unrealistic expectations of life
- d) improving one's digital reputation

ii. What can be inferred about people who rely heavily on online validation? (1)

People who rely heavily on online validation they _____.

- a) are confident and secure in real-life situations
- b) are mostly unaffected by others' opinions online
- c) often face issues with low self-esteem and doubt
- d) choose to stay away from social media entirely

iii. What role can educational institutions play in shaping students' mental well-being? (1)

iv. Which of the following best describes the author's tone in the passage? (1)

- a) alarmist and fearful
- b) balanced and hopeful
- c) strict and commanding
- d) dismissive and indifferent

v. Choose a suitable title for the passage. (1)

- a) Living in a Digital World
- b) How Technology Changed the World
- c) The Silent Impact of Mental Health Challenges
- d) Exercise and Nutrition for the Mind

Q2. You are Anshika/Ansh. Your friend Meera called to ask your brother to bring her notebook to school tomorrow, as she had left it at your place during group study. Write a message to your brother reminding him to take Meera's notebook, in about 50 words, before you leave for your tuition class. (3)

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

Riya (i) _____ for the international conference in Paris last month. She (ii) _____ about it ever since her research paper was selected for presentation. When she finally (iii) _____ at the venue, she realised she (iv) _____ her ID card at the hotel, causing a brief panic before the staff helped her verify her identity.

i.	a. travels	b. had travelled	c. travelled	d. was travelling
ii.	a. is dreaming	b. had been dreaming	c. dreamt	d. dreams
iii.	a. arrives	b. arrived	c. had arrived	d. was arriving
iv.	a. left	b. was leaving	c. had left	d. leaves

Q4. Combine the two sentences into a single sentence. (2)

- The rain started. We decided to go home.
- He was sad. He went to the park to clear his mind.

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

And I shall have some peace there, for peace comes dropping slow,

Dropping from the veils of the morning to where the cricket sings;

i. The phrase 'Dropping from the veils of the morning' primarily suggests that peace _____. (1)

- arrives suddenly, overwhelming everything in its path
- arrives slowly and gently as the morning begins.
- descends quickly, without consideration for the time
- is something that emerges from darkness or mystery

ii. What effect does the image of the ‘cricket sings’ have on the tone of the poem? (1)

- a) creates a sense of quiet and stillness
- b) adds to the feeling of tension and unrest
- c) symbolises the chaos of nature
- d) contrasts the peace with a loud disturbance

Q6. What does the speaker feel while standing on the pavement in the poem ‘The Lake Isle of Innisfree’? (Answer in 30-40 words) (2)

Q7. How did the student-marchers demonstrate discipline and commitment during their mission in the lesson ‘The Narayanpur Incident’? (Answer in 30-40 words) (2)

Q8. What has caused health problems for the Yup’ik people in Melting Ice in Alaska? (Answer in 30-40 words) (2)

Q9. At the end of the lesson, The Night the Ghost Got In, what does the narrator mean by ‘He had us there’? (Answer in 40-60 words) (3)

Activity:

Q10. Create an interactive timeline of the key events in The Merchant of Venice on an A4-size sheet, using markers, photos, and small written descriptions.

- The timeline should include key moments such as the bond agreement, the casket test, the trial, and the resolution.

Below is a sample for your reference. (2)



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 निम्नलिखित अपठित गद्यांश को पढ़कर इसके आधार पर सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए — (1×5=5)**

सफलता चाहने वाले मनुष्य का प्रथम कर्तव्य यह देखना है कि उसकी रुचि किन कार्यों की ओर अधिक है। यह बात गलत है कि कोई भी मनुष्य हर एक काम कर सकता है। लार्ड वेस्टरफील्ड स्वाभाविक प्रवृत्तियों के काम को अनावश्यक समझते थे और केवल परिश्रम को ही सफलता का आधार मानते थे। इसी सिद्धान्त के अनुसार उन्होंने अपने बेटे स्टेनहोप को जो सुस्त ढीला-ढाला, असावधान था, सत्पुरुष बनाने का प्रयास किया। वर्षों परिश्रम करने के बाद भी लड़का ज्यों का त्यों रहा और जीवन-भर योग्य न बन सका। स्वाभाविक प्रवृत्तियों को जानना कठिन भी नहीं है। बचपन के कामों को देखकर बताया जा सकता है कि बच्चा किस प्रकार का मनुष्य होगा। प्रायः यह संभावना प्रबल होती है कि छोटी आयु में कविता करने वाला कवि, सेना बनाकर चलने वाला सेनापति, भुट्टे चुराने वाला चोर-डाकू, पुर्जे कसने वाला मैकेनिक और विज्ञान में रुचि रखने वाला वैज्ञानिक बनेगा। जब यह बात विदित हो जाए कि बच्चे की रुचि किस काम की ओर है, तब यह करना चाहिए कि उसे उसी विषय की ऊँची शिक्षा दिलाई जाए। ऊँची शिक्षा प्राप्त करके मनुष्य अपने काम-धंधे में कम परिश्रम से अधिक सफल हो सकता है।

(i) लेखक के अनुसार सफलता चाहने वाले व्यक्ति को सबसे पहले क्या देखना चाहिए?

- (क) अपने लिए घर
- (ख) अपनी रुचि के कार्य
- (ग) अपने दोस्तों का साथ
- (घ) घूमने के लिए स्थान

(ii) स्टेनहोप के विषय में कौन-सी बात सही नहीं है?

- (क) सुस्त और ढीला-ढाला था
- (ख) वह जीवन-भर योग्य न बना
- (ग) बड़ा होकर सत्पुरुष बन गया
- (घ) जीवन भर असावधान बना रहा

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

कथन (A) लार्ड वेस्टरफील्ड स्वाभाविक प्रवृत्तियों के काम को अनावश्यक समझते थे।

कारण (R) इसलिए परिश्रम को ही सफलता का आधार मानते थे।

- (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 सही व्याख्या करता है।

- (iv) बच्चे द्वारा किए गए बचपन के कार्यों को देखकर क्या अनुमान लगाया जा सकता है?
(v) ऊँची शिक्षा प्राप्त कर मनुष्य क्या करता है?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 जब कर्ता स्वयं काम न करके किसी और से करवाता है तो वह कौन सी क्रिया कहलाती है? एक उदाहरण दीजिए।

प्रश्न 3 विशेषण के कितने भेद होते हैं? उनके नाम लिखिए।

प्रश्न 4 आज धरती खुश नजर आ रही है। रेखांकित पद के दो पर्यायवाची शब्द क्या हैं ?

प्रश्न 5 'अंधों में काना राजा' इस लोकोक्ति का क्या अर्थ है ?

प्रश्न 6 'आँखों में धूल झोंकना' इस मुहावरे का अर्थ लिखते हुए वाक्य में प्रयोग कीजिए ?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) 'बस की यात्रा' पाठ में लेखक को उस खटारा बस में यात्रा क्यों करनी पड़ी? क्या कभी आपके साथ भी ऐसा हुआ है? अनुभव साझा करें।

(ख) वस्तु-विनिमय का क्या अर्थ है? पहले के समय और आज के समय में क्या-क्या बदलाव आया है?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×2=2)

(क) महाराज शुद्धोधन ने सिद्धार्थ को महल में रखने के लिए क्या-क्या उपाय किए?

(ख) सिद्धार्थ कौन थे और उनका विवाह किससे हुआ था?

प्रश्न 9 दिए गए चित्र के आधार पर 70 से 80 शब्दों में एक कहानी लिखिए— (5×1=5)



प्रश्न-10 विशेषण के भेदों को दर्शाते हुए एक पेन होल्डर बनाइए।

(5×1=5)

Subject- Sanskrit

- 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 ।

No. of questions: 10

M.M. 25

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा बहुविकल्पकान् प्रश्नान् उत्तरत - (1×5=5)

द्वापरयुगे एकम् हस्तिनापुरे नाम राज्यम् आसीत्।हस्तिनापुरस्य नृपस्य नाम शान्तनुः आसीत्।तस्य एकः पुत्रः देवव्रतः आसीत्।देवव्रतस्य मातुः नाम गंगा आसीत्।गंगायाः पुत्रत्वात् गांगेय इत्यपि तस्य अभिधानम् आसीत्।सः शूरवीरः , पराक्रमी, पितृभवत्तः ,उदारचरितः च आसीत्।युवावस्थायां तस्य पराक्रमस्य चर्चा सर्वत्र अभवत्।एकदा नृपः शान्तनुः नौकाविहाराय यमुनायास्तीरम् अगच्छत्।तत्र एका रूपवती कन्या उपविष्टा।सा धीवरस्य कन्या आसीत्।तस्याः नाम सत्यवती आसीत्।तस्याः रूपलावण्यं दृष्ट्वा राजा

शान्तनुः मोहितः अभवत्।नृपः तस्याः जनकम् उपगम्य विवाहप्रस्तावं न्यवेदयत् -“भो धीवर! अहम् त्वया रूपवती पुत्र्याः सह विवाहं कर्तुम् इच्छुकः।यदि त्वं स्वां रूपवतीं पुत्रीं मह्यम् दास्यसि तर्हि अहं तुभ्यं राज्ये उच्चपदं दास्यामि।”धीवरः अवदत् - “हे राजन् !अहम् एकेन शर्तेन सत्यवतीं तुभ्यं दातुं शक्नोमि।”राजा अवदत् - “शीघ्रं वद।त्वम् किम् इच्छसि?” धीवरः अवदत् - “मम शर्तेन इति यत् त्वं स्वं राज्यं तस्याः सन्ततये दास्यसि।” शान्तनुः सकोधम् अवदत् - “एषः सम्भवो नासीत्।”

(i)नृपः शान्तनुः नौकाविहाराय कुत्र अगच्छत् ?

- (क) कृष्णायास्तीरम्
- (ख) गंगायास्तीरम्
- (ग) यमुनायास्तीरम्
- (घ) नर्मदायास्तीरम्

(ii) कस्मिन् युगे हस्तिनापुरे नाम राज्यम् आसीत् ?

- (क) द्वापरयुगे
- (ख) कलियुगे
- (ग) त्रैतायुगे
- (घ) सतयुगे

(iii) देवव्रतस्य मातुः नाम का आसीत् ?

- (क) कुन्ती
- (ख) गंगा
- (ग) गांधारी
- (घ) शकुन्तला

(iv) कदा देवव्रतस्य पराक्रमस्य चर्चा सर्वत्र अभवत् ?

- (क) वृद्धावस्थायां
- (ख) बालावस्थायां
- (ग) युवावस्थायाम्
- (घ) प्रौढावस्थायां

(v) 'अवदत्' इति क्रियापदस्य धातुः लकारः च लिखत ।

- (क) वद् धातुः लृटलकारः च ।
- (ख) वद् धातुः लटलकारः च ।
- (ग) वद् धातुः लोटलकारः च ।
- (घ) वद् धातुः लंगलकारः च ।

प्रश्न 2 चित्रं दृष्ट्वा मञ्जूषायां दत्तपदानां सहायतया रिक्तस्थानानि पूरयत — ($\frac{1}{2} \times 4 = 2$)

मञ्जूषा — गृहम् , बालकाः , सदस्याः , वार्तालापं



- (क) अस्मिन् चित्रे एकम्अस्ति ।
- (ख) वृक्षस्य अधः परिवारस्य तिष्ठन्ति ।
- (ग) एकः खेलति ।
- (घ) ते परस्परं..... कुर्वन्ति ।

प्रश्न 3 उचितानि पदानि चित्वा अधोलिखितं संवादं पूरयत —

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

मञ्जूषा — क्षमां , माता , करिष्यामि , उचितम्

पिता - पुत्र! भवान् किमर्थम् स्वपुस्तकानि उचितरूपेण न स्थापयति ?

पुत्रः - [1]----- कुरु ।

पिता - भवतः [2]----- एव सम्पूर्ण दिवसे भवतां पुस्तकानि उचित स्थाने स्थापयति ।

पुत्रः - पुनः एतत् न [3]----- ।

पिता - एतत् न[4]..... सर्वे एव स्व कर्तव्यं पालयन्तु ।

पुत्रः - अहम् प्रतिज्ञां करोमि अद्यतः इत्थं न करिष्यामि ।

प्रश्न 4 पुस्तक प्रेषणार्थम् प्रकाशकं प्रति पत्रम् लिखत

($\frac{1}{2} \times 6 = 3$)

मञ्जूषा — केदुम् , प्रकाशितम् , अष्टकक्षायाः, पुस्तकम् , अपश्यम् , संस्कृत

सेवायाम् ,

श्रीमान् प्रबन्धकमहोदयः,

रचना सागर प्रकाशन संस्था,

दरियागंज,दिल्ली ।

मान्यवराः,

अहम् [1] ----- छात्रः अस्मि । भवता [2] ----- अष्ट कक्षायाः [3] -----

विषयस्य[4] -----अहम् स्वपुस्तकालये [5] ----- । अहम् तत् [6] ----- इच्छामि । कृपया

सृष्टिः संस्कृत व्याकरणम् भाग-3 शीघ्रम् प्रेषयन्तु ।

भवदीयः विश्वासपात्रः

महेशः

प्रश्न 5 कोष्ठके प्रदत्तैः उचित संख्या पदैः रिक्तस्थानानि पूरयत-

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

(1) मम विद्यालये (50) कक्षाः सन्ति ।

(2) कीडाक्षेत्रे (39) बालकाः तिष्ठन्ति ।

(3) एतेषां पुस्तकानाम् मूल्यं (40) रूप्यकाणि सन्ति ।

(4) चलचित्रगृहे (23) दर्शकाः चलचित्रम् पश्यन्ति ।

प्रश्न 6 अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपूर्तिं कुरुत — ($\frac{1}{2} \times 2 = 1$)

1 राकेशः पचतंत्रम् पुस्तकम् — (की + तुमुन्) आपणं गच्छति । ।

2 मातामही कथाम् — (श्रु + तुमुन्) देवालयम् गच्छति ।

प्रश्न 7 घटिकां रचयित्वा प्रदत्तं समयं संस्कृते लिखत ।

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

4:30 , 5:00 , 6:45 , 8:15

प्रश्न 8 रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् -

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

- (1) लुब्धस्य यशः नश्यति।
- (2) भोजपत्रोपरि लेखनम् आरब्धम्।

प्रश्न 9 घटनाक्रमानुसारम् अधोलिखितवाक्यानि पुनः लिखत-

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

- (1) दूरस्थः शृगालः रत्नं कर्तुम् आरब्धम्।
- (2) दूरं पलायमानः शृगालः श्लोकम् अपठत्।
- (3) सिंह एकां महतीं गुहाम् अपश्यत्।
- (4) परिभ्रमन् सिंहः क्षुधार्तिं जातः।

परियोजना कार्य

प्रश्न 10 पंचतंत्र से जुड़े किसी एक पात्र का मुखौटा बनाइए।

($5 \times 1 = 5$)

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. Fill in the blanks :

(0.5 x 4 =2)

- (i) Zero has _____ reciprocal.
 (ii) Rational numbers are not closed under _____.
 (iii) The product of two rational numbers is always a _____.
 (vi) The reciprocal of a negative rational number is _____.

Q2. Choose the correct option:

(1x2 =2)

- i) The value of x for which the expression $5x-13$ and $2x - 1$ become equal is _____.
 a) -3 b) 0 c) 5 d) 4
 ii) The digit in the tens place of a two-digit number is 3 more than the digit in the units place. let the digit at units place be b . Then the number is _____.
 a) $11b + 30$ b) $10b + 30$ c) $11b + 3$ d) $10b + 3$

Q3. Solve the equation and check your answer : $\frac{2}{5}x - 2 = 5 - \frac{3x}{5}$ (2)

Q4. Note down your admission number. Take x times of last digit of your admission number and add your roll number to it . Put it equal to your age and solve the equation for x . (2)

Q5. Solve the following equation : $\frac{5x+11}{3x+8} = 4$ (2)

Q6 . Check and verify $z = 6$ for equation : $5z = 15 + 2(6 + z)$ (2)

Q7. Simplify the following: (3)

- (i) $5/7 + (-3/4)$ (ii) $(-1/10) \div (-8/5)$ iii) $(-8/19) + (-4/57)$

Q8. Eighteen rational numbers are multiplied together. What will be the sign of the product explain with examples and write your observation. (3)

- i) 15 of them are negative and 3 are positive?
 ii) 9 of them are positive and the remaining are negative?
 iii) all are negative?

Q9 Simplify the following

(2 x 1.5 =3)

$$(a) \frac{-4}{5} \times \frac{3}{7} + \frac{4}{5} \times \frac{3}{7}$$

$$(b) \frac{1}{2} \times \frac{5}{6} + \frac{1}{3} \times \frac{1}{4}$$

Activity:

Exterior angle property of polygon.

Draw at least three polygons, measure their exterior angles using protractor, find the sum of exterior angles of each polygon and verify the exterior angle property of polygons. (to be done in practical file) . (4)

Subject: Science

General Instructions

* Neatly write the answers in a separate thin notebook.

* Attempt the questions keeping in mind the weightage of each question.

No. of questions: 10

M.M. 25

Worksheet 2

Q1. Which of the following factors determines the pressure exerted on the surface? (1)

- A. Only the magnitude of the force applied.
- B. Only the area over which the force is applied.
- C. Both the magnitude of the force and the area over which it is applied.
- D. Neither the magnitude of the force nor the area.

Q2. A few healthy gram seeds are placed in each of the three pots X, Y and Z containing the same type of soil. The soil in pot X is mixed with some green leaves. The soil in pot Y is mixed with old cow dung while soil of pot Z is mixed with urea. Pots are watered regularly and given proper environment for plant growth. Which of the following will be observed after 10 days?

- A. Lot of growth in Z with replenishment of all the nutrients. (1)
- B. Lot of growth in X without replenishment of any nutrient.
- C. Lot of growth in V with replenishment of the nutrients.
- D. Both (a) and (c)

Q3. **Assertion (A):** Ploughing the soil before sowing improves air circulation in the soil.

Reason (R): Good air circulation helps the roots to respire properly. (1)

- (A) Both assertion and reason are true, and reason is the correct explanation of the assertion.
- (B) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (C) The Assertion is true, but the reason is false.
- (D) Both Assertion and Reason are false.

Q4. Give reason: (2)

- A. It is easier to cut vegetables with a sharp knife than with a blunt knife.
- B. Camels have broad and padded feet.

Q5. How does the formation of petroleum differ from that of coal? What does this difference tell us about their availability and use? (2)

Class 8 Worksheet 2

Q6. A square block of wood is placed on a horizontal table. Four forces are applied to the block as given below: (3)

Force $F_1 = 12\text{ N}$, acting to the right

Force $F_2 = 7\text{ N}$, acting to the left

Force $F_3 = 3\text{ N}$, acting upwards

Force $F_4 = 5\text{ N}$, acting downwards

A. Draw a free body diagram representing all the forces acting on the block.

B. Calculate the net force acting on the block in the horizontal direction and the net force in the vertical direction.

C. In which direction will the block move and with what net force.

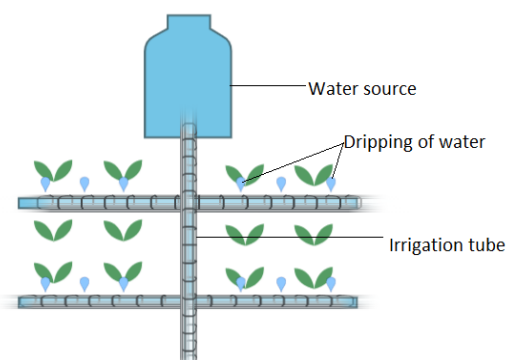
Q7. A factory in your town uses coal as fuel. Nearby residents complain of smoke and pollution. (3)

A. Explain the harmful effects of coal combustion on air quality.

B. What concerns do the residents have?

C. What reasons might the factory give for continuing to use coal?

Q8. Below is a diagram showing a modern method of irrigation.



Answer the following:

A. Identify the method of irrigation shown in the diagram. (1)

B. Mention two advantages of this method over traditional irrigation. (2)

Q9. A student, Neha, is enjoying swinging on a playground swing. She starts by sitting still, then her friend gives her a push to start her motion. Neha notices that she moves back and forth in a curved path. She also observes that to go higher, her friend needs to push her again at the right moment. Eventually, if no one pushes her, the swing gradually slows down and stops. (4)

Class 8 Worksheet 2

A. When Neha is sitting still on the swing before her friend pushes her, what is the net force acting on her? Justify

B. When her friend gives her the initial push, what type of force is being applied to Neha? What effect does this force have on Neha's state of motion?

C. Neha tries swinging by herself by leaning back and pulling on the chains at the right times. What type of force is Neha applying to the swing to keep herself in motion?

D. Identify one **contact force** and one **non-contact force** acting on Neha when she is swinging. Briefly explain what makes each force a contact or non-contact force.

Q10. Activity:

(5)

Create a comparison chart between traditional and modern farming methods using the following five criteria:

1. Tools used
2. Irrigation methods
3. Type of labor involved
4. Efficiency (time, output, effort)
5. Impact on soil and environment

Present your findings on a neatly drawn table or a Venn diagram. Use drawings, color coding, and labels.

Subject: Social Science

General Instructions:

- The work should be done neatly and in a systematic way.
- The assignments given are to be done in the History and Geography notebook.
- 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 do you mean by archive? Where is the National Archive of India located?	1
Q2. What do you understand about the stock of resources?	1
Q3. Give any two examples of renewable resources.	1
Q4. Mention any two factors that help in the development of resources?	2
Q5. Why did the British preserve official documents?	2
Q6. What is the significance of the Preamble in the Indian constitution?	2
Q7. How can the gift of Nature become a resource? Explain with an example.	2
Q8. What is a resource? What are the criteria for any substance to become a resource?	3
Q9. Write the importance of Federalism and Separation of power.	3
Q10. "The resources on Earth are unevenly distributed." Elucidate the statement	3
Project Based Activity-History	5

Map and Timeline Project

- **Instructions:**
 - On one page, draw or paste a **map of India** showing:
 - Major British trading posts (Surat, Madras, Calcutta, Bombay)
 - Key battle locations (Plassey, Buxar)
 - On another page, create a **timeline** of 5–6 important events (from 1600 to 1765).
- Arrival of Vasco da Gama in India
- Formation of the East India Company
- Battle of Plassey
- Battle of Buxar etc.

Tip: Add arrows, icons, and dates for a neat visual.

Subject: Computer Science

No. of questions: 10
Worksheet 2

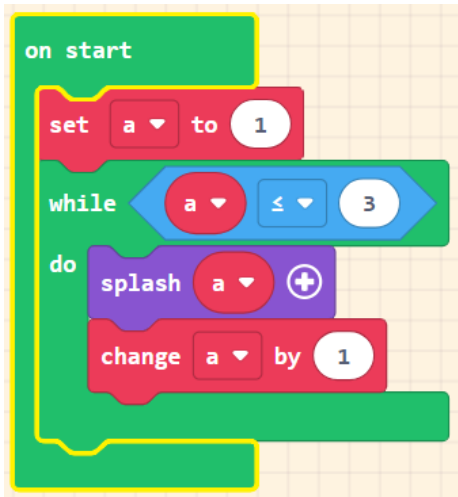
M.M. 25

Answer the following questions

1. List any two benefits of using functions in programming. 1
2. How is break statement different from continue statement? 1
3. Describe the process to create a function. 2
4. Mention any three advantages of loops. 3
5. Explain briefly the three different types of control structures. 3
6. Differentiate between repeat and forever loop. 3
7. Write the well labelled syntax of function. 3
8. What is a jump statement? Name them. 3
9. Choose the correct options: 3
 - i) What is the primary purpose of using functions in programming?
 - (a) To make the code run faster.
 - (b) To reduce the overall size of the program.
 - (c) To organize code into reusable blocks.
 - (d) To confuse other programmers.
 - ii) What is a parameter in a function?
 - (a) A value that is returned by the function.
 - (b) A variable that is passed into the function.
 - (c) A variable that is defined inside the function.
 - (d) The name given to the function.
 - iii) What is an argument in a function call?
 - (a) The definition of the function's behavior.
 - (b) The name of the function being called.
 - (c) The actual value passed to a function's parameter.
 - (d) The line of code that calls the function.

10. Find the output of the following.

i)



ii) for i in range(5):

if i == 3:

break

print(i)

iii) for i in range(1, 6):

if i % 2 == 0:

continue

print(i)

Activity:

Using adobe express design a poster on World Technology Day

Note: Type new.express.adobe.com to log in to your Adobe account.

Your username will be your Microsoft ID(eg:- xyz1234@stmarysschooldwarka.onmicrosoft.com)

Download the poster and

Subject: Elementary Mathematics

No. of questions: 10

M.M. 25

- Q1 Choose the correct option : (1×4=4)
- (i) The sum of $30303 + 0 =$ _____
 a) 0 b) 300303 c) 30303 d) None
- (ii) $999 + 1 = 1 + 999$ is same ?
 a) Yes b) No
- (iii) $999 - 1 = 1 - 999$ is same ?
 a) Yes b) No
- (iv) Sum of 5, 15, 25
 a) 60 b) 70 c) 20 d) 45
- Q2 Add the following numbers by writing in vertical columns: (1×3=3)
- I. 26,12,828 and 1,62,357
 II. 2618; 25,59,163 and 3,53,21,638
 III. 1,350,617; 72,168,059 and 62,800
- Q3 Subtract the following: (1×3=3)
- I. $30,000,002 - 1,638,565$
 II. 2,48,89,162 and 1,52,63,528
 III. 36,10,281 from 6,28,91,252
- Q4 Mr. Malhotra bought a plot for ₹ 313000. He spent ₹ 1925585 to build a bungalow on it. How much was the total cost of the plot and the bungalow? (2)
- Q5 What should be Subtracted from 12,735,213 to get 673,005? (2)
- Q6 Rs.3,85,950 was given by the government to build a road in a town. The people of the town collected Rs. 65,175 more. How much money was available to build the road? (2)
- Q7 Subtract the sum of 64298 and 16357 from 959823. (2)
- Q8 A water tank stored 359600 liters of water, out of which 160200 liters of water was distributed. How much water is left in the tank? (2)
- Q9 What should be added to 3,50,367 to get 1,89,25,853? (2)
- Activity:**
- Q10 Collect age data of your 10 friends and rewrite that numbers in Roman numerals. (3)