



St. Mary's School, Dwarka

Holiday Homework

Class: VI

Worksheet 4

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.

(1x5=5)

Humans possess a unique ability to think deeply and feel profoundly, setting us apart from other creatures. Besides our basic need of food, shelter, and clothing, education is a fourth essential requirement for our collective progress. In today's world, knowledge plays a central role in driving societal advancement at an exceptional pace. Hence, ensuring universal access to education has become a global necessity.

Nations failing to provide education to all their citizens are perceived as backwards, regardless of their material wealth. Illiteracy, the inability to read or write, poses a significant obstacle to societal development, perpetuating inequalities and hindering progress. Therefore, education is about personal enrichment and serves as a foundation of society, essential for collective prosperity.

By ensuring equal access to education, humanity can overcome barriers, unlock its full potential, and create a brighter future for generations to come. Embracing education as a universal right empowers individuals and societies to thrive in an ever-evolving world. In this modern era, where knowledge is crucial for progress and enlightenment, ensuring educational equity is of utmost importance. Education is not merely a privilege but a fundamental entitlement that fosters societal advancement and paves the way for a more equitable and prosperous future for all.

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

i. **Complete the sentence.**

(1)

According to the passage, education is not only about personal development but also serves as a ground for _____.

- ii. **What is suggested as a potential outcome of ensuring equal access to education?** (1)
a) decreased opportunities and potential for future generations
b) unlocked possibilities and a positive future for generations to come
c) reduced disparities and hindrances to societal progress
d) greater empowerment for individuals and societies
- iii. **Why does the passage suggest that knowledge is vital for growth and enlightenment?** (1)
a) ensures personal enrichment only
b) perpetuates inequalities in society
c) ensures societal advancement and equity
d) a privilege reserved for the rich
- iv. **Find the antonym of the word 'impoverishment' from the passage.** (1)
a) requirement
b) advancement
c) enrichment
d) development
- v. **Find the word from the passage that means the same as 'essential'.** (1)
a) crucial
b) utmost
c) prosperous
d) progress

Q2. You are Yash/Yashika. Your brother's friend, Nidhi, called to inform you that his interview has been delayed by one day, and he needs to bring the necessary documents along. Since you have to leave for your dance class, leave a message for your brother, informing him about the change in plan in not more than 50 words (3)

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

Nathan played the piano piece (1) _____, his fingers gliding effortlessly over the keys, filling the room with a beautiful melody. The volunteers worked (2) _____ to clean up the park, picking up (3) _____ pieces of litter and planting many flowers to beautify the surroundings. The baker crafted the cake (4) _____, layering each tier with precision and decorating it with intricate designs. The family enjoyed the vacation wholeheartedly, creating lasting memories as they explored several new places and experienced different cultures together. Sarah greeted her guests warmly, with a genuine smile and open arms, making all feel welcomed and appreciated.

1. (a) simply (b) gracefully (c) beautiful (d) humbly
2. (a) diligently (b) different (c) melodiously (d) beautifully
3. (a) any (b) no (c) many (d) several
4. (a) smoothly (b) harshly (c) sweetly (d) expertly

Q4. Fill in the blanks with the appropriate words to complete the passage. (1/2x4=2)

During our nature walk, we spotted (1) _____ unusual bird sitting quietly on a branch. The guide told us that (2) _____ birds migrate to this area only during winter. We also noticed (3) _____ nests built high up in the trees. After walking for an hour, we took (4) _____ rest near a quiet stream.

- | | | | |
|-------------|--------------|----------|----------|
| 1. (a) a | (b) an | (c) the | (d) some |
| 2. (a) many | (b) each | (c) much | (d) no |
| 3. (a) few | (b) a little | (c) many | (d) some |
| 4. (a) a | (b) an | (c) some | (d) any |

Q5. Read the given extract to attempt the questions that follow. (1/2x 4=2)

“He was sitting alone on the steps in the sunshine and sketching. I approached as silently as I could, but somehow I must have disturbed him. He looked up, shading his eyes against the sun. 'Hello, young man,' he said. Now that I was this close to him I could see he was indeed very old. But his eyes were young, bright and searching.”

i. What was the man doing when the narrator approached him?

- a) Sleeping
- b) Painting on a canvas
- c) Sketching
- d) Reading a book

ii. What does the narrator notice about the man's eyes?

- a) They were tired and dull
- b) They were young, bright, and searching
- c) They were closed in sleep
- d) They were filled with tears

iii. What does the phrase “shading his eyes against the sun” suggest?

- a) He wore sunglasses
- b) He blocked the sunlight with his hand
- c) He moved into the shade
- d) He turned away from the narrator

iv. Which emotion best describes the narrator's approach towards the man?

- a) angry
- b) curious
- c) frightened
- d) jealous

Answer the questions in 20-40 words.

(2x3=6)

Q6. What symbolic significance do the crow and the hemlock tree hold within the poem 'Dust of Snow'?

Q7. Why did Saccho lose interest in the cricket match?

Q8. What did Yannick do when he heard Amandine cry? How did she react?

Answer the question in 40-60 words.

(3)

Q9. The young prince decided to marry Mellidora. Explain three qualities she had that impressed the young prince.

Activity:

Q10. Make a creative collage about the famous artist Paul Cézanne using Adobe Express.

- In the collage, add short facts about:
 - When and where he was born.
 - What he liked to paint.
 - What made his painting style special.
- Include 2–3 pictures of his famous paintings with their names.
- Make sure your collage is colourful, neat, and easy to read.

Steps to make a collage:

- 1. Launch Adobe Spark Post:** Open your web browser and navigate to the Adobe Spark website. Log in with your Adobe ID or create a new account if you don't have one.
- 2. Start a New Project:** Once you're logged in, click on the "Create a Project" button. Choose the "Collage" option from the menu.
- 3. Select a Template (Optional):** You can choose a template that fits your style or start from scratch by selecting the "Start From Scratch" option.
- 4. Add Photos:** Click on the "+" button to add photos to your collage. You can upload images from your computer or select them from Adobe's library of stock photos.
- 5. Arrange Photos:** Once you've added your photos, you can drag and drop them onto the canvas to arrange them in the desired layout.
- 6. Customize Collage:** You can change the background colour or image, add text overlays, apply filters, adjust the spacing between photos, and more.
- 7. Preview and Save:** Once you're satisfied with your collage, click on the "Preview" button to see how it looks when published. If everything looks good, click on the "Download" button to save your collage to your computer.

(2)

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

अभ्यास के बिना जीवन में सफलता नहीं मिलती। पहली बार प्रत्येक कार्य कुछ कठिन लगता है। यदि व्यक्ति उस कार्य को कठिन समझकर बैठ जाता है तो उसे कभी भी नहीं कर सकता। अमेरिका के राष्ट्रपति ने अभ्यास-कम नहीं छोड़ा और एक दिन राष्ट्रपति पद प्राप्त कर लिया। यदि हम अभ्यास करना छोड़ देंगे तो सफलता हमें छोड़ देगी। निरंतर अभ्यास एक ऐसी कुंजी है, जो मनुष्य के लिए सफलता के द्वार खोल देती है। अभ्यास से विद्या अमृत बन जाती है तो बिना अभ्यास के विद्या विष का रूप धारण कर लेती है। जो मनुष्य अभ्यास नहीं करता उसके पास विद्या अधिक समय तक नहीं टिकती है। बहुत बड़ा गणितज्ञ भी यदि अभ्यास छोड़ देगा तो गणित उसे छोड़ देगा। खिलाड़ी भी निरंतर अभ्यास करता है। यदि वह खेल का अभ्यास नहीं करेगा तो कभी भी कीर्तिमान स्थापित नहीं कर पाएगा। जो लोग निरंतर अभ्यास करते हैं वे जीवन में निरंतर आगे बढ़ते हैं और वे कभी जीवन के पथ पर पीछे नहीं रहते हैं। अतः हमें अभ्यास करते रहना चाहिए अन्यथा एक ऐसा भी समय आएगा जब हमारा यश-अपयश में बदल जाएगा और उस दाग से उभरने के लिए सात जन्म भी छोटे पड़ जाएंगे। किसी ने ठीक ही कहा है—करत-करत अभ्यास से जड़मति होत सुजान। अर्थात् अभ्यास करते रहने से मूर्ख भी विद्वान बन जाता है।

(i) किस प्रकार के लोग कभी जीवन के पथ पर पीछे नहीं रहते हैं?

- (क) जो लोग निरंतर अभ्यास करते हैं।
- (ख) जो लोग केवल बातें बनाते रहते हैं।
- (ग) जो लोग अभ्यास छोड़ देते हैं।
- (घ) जो लोग सिर्फ सोचते रहते हैं।

(ii) विद्या किस प्रकार विष का रूप धारण कर लेती है?

- (क) पढ़ते रहने पर
- (ख) बिना अभ्यास के
- (ग) लिखते रहने पर
- (घ) बिना किसी योजना के करने पर

(iii) निरन्तर अभ्यास से क्या होता है?

- (क) मनुष्य के लिए सफलता की खिड़की खुलती है।
- (ख) मनुष्य के लिए असफलता के द्वार खुलते हैं।
- (ग) मनुष्य के लिए सफलता के द्वार खुलते हैं।
- (घ) मनुष्य के लिए आलस के द्वार खुलते हैं।

(iv) किसने अभ्यास-कर्म के द्वारा राष्ट्रपति का पद प्राप्त किया?

(v) करत-करत अभ्यास से जड़मति होत सुजान' पंक्ति का क्या अर्थ है?

निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×5=5)

प्रश्न 2 जातिवाचक संज्ञा के दो उदाहरण दीजिए।

प्रश्न 3 11, 17, 19, 26 इन संख्याओं को शब्दों में लिखिए।

प्रश्न 4 'किसी के चारों ओर चक्कर लगाना' इस वाक्यांश के लिए एक शब्द लिखिए।

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

प्रश्न-6 सर्वनाम किसे कहते हैं?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1½×2=3)

(क) ध्यानचंद के नाम पर कौन-सा पुरस्कार दिया जाता है? क्या आपको कभी पुरस्कार मिला है? अपने अनुभव बताइए।

(ख) कविता 'एक बूँद' में बूढ़ी धरती क्या बनना चाहती है?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए—

(1×2=2)

(क) दशरथ के मन में क्या इच्छा बाकी बची थी?

(ख) कैकयी को किसने भड़काया था तथा वह कौन थी?

प्रश्न-9 दिए गए चित्र का वर्णन 70 से 80 शब्दों में कीजिए—

(5×1=5)



प्रश्न-10 पर्यायवाची शब्दों का एक झूमर बनाइए।

(5×1=5)

Subject: Sanskrit**प्रश्न 1 निम्नलिखित रिक्त-स्थानानि पूरयत ।**

(निम्नलिखित रिक्त स्थान भरिए—)

(2)

एकवचन द्विवचन बहुवचन

1 सिंहः — सिंहः

2 — महिले —

3 — नरौ नराः

प्रश्न 2 निम्नलिखित रिक्त-स्थानानि पूरयत ।

(निम्नलिखित रिक्त स्थान भरिए—)

(2)

एकवचन द्विवचन बहुवचन

1 लिखति —

2 लिखसि लिखथः —

3 — लिखावः लिखामः

प्रश्न 3 निम्नलिखित शब्दानाम् वर्ण संयोगं कुरुत ।

(निम्नलिखित शब्दों का वर्ण संयोग कीजिए—)

(2)

प + उ + स + त् + अ + क् + अ + म् —

र + आ + ध् + इ + क् + आः —

द + ए + त् + आ + ल् + अ + य् + अः —

क् + क् + ष् + आ —

प्रश्न 4 मञ्जूषायाः स्वर व्यंजनान् पृथक् कृत्वा लिखत ।

(मञ्जूषा से स्वर और व्यंजन अलग-अलग करके लिखिए—)

(2)

द त् ल् श् ग् ऊ झ् ऐ आ ओ क्ष्

ह् म् उ य् लृ घ् प् ख् ई थ् ण् च्

स्वराः

व्यंजनानि

प्रश्न 5 संस्कृत भाषायाम् कति पुरुषाः भवन्ति? तेषाम् नामानि लिखत ।

(3)

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

प्रश्न 6 निम्नलिखित सर्वनामानाम् अर्थः सह मेलनम् कुरुत ।

(2)

(निम्नलिखित सर्वनामों का अर्थों के साथ मिलान कीजिए ।)

संस्कृत हिन्दी

सः वे दो (पु०)

तत् वह (पु०)

तानि वह (नपु०)

तौ वे सब

प्रश्न 7 निम्नलिखित शब्दान् वचनानुसारं चित्वा लिखत ।

(निम्नलिखित शब्दों को वचन के अनुसार छाँटकर लिखिए ।)

(2)

पुस्तकानि , बालकौ , अध्यापिका , सूर्याः

प्रश्न 8 'तोता, बगुला' इति पदयोः संस्कृत नाम किम् भवति?

(2)

(‘तोता, बगुला’ इन पदों का संस्कृत नाम क्या होता है?)

प्रश्न 9 निम्न पदेषु स्त्रीलिङ्ग शब्दान् चित्वा लिखत ।

(2)

(निम्न शब्दों में से स्त्रीलिङ्ग शब्द चुनकर लिखिए ।)

कौकिला, छात्रः, कन्या, गृहम्, कक्षा, मयूरः, महिला

परियोजना कार्य

प्रश्न 10 किन्हीं दो पशु या पक्षी के चित्र सहित बुकमार्क बनाइए ।

(5)

Subject: Mathematics

No. of questions: 10

M.M. 25

Q1) Choose the correct answer from the given options: (2)

- i. 1 added to the greatest 7-digit number gives
 a. 10 thousand b. 1 lakh c. 10 lakhs d. 1 crore
- ii. If the diameter of the circle is 20cm, then the radius is _____
 a. 15cm b. 10cm c. 40cm d. 25cm

Q2) A magic square is a square grid in which the numbers of each row, each column, and the main diagonals add up to the same sum. Draw a magic square such that sum of each row, each column and each diagonal is 18. The dimensions of square should be 3 x 3 units and colour the even numbers. (2)

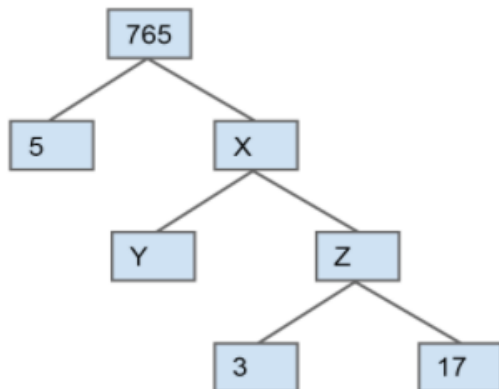
Q3) Define:

- a) Acute angle
 b) Obtuse angle (2)

Q4) Find: (2)

- (a) The difference between ten lakhs and one million
 (b) The sum when one lakh is added to one hundred thousand

Q5) What is the value of x, y and z in the given figure (2)



Q6) A school canteen charges ₹ 25 for lunch and ₹ 11 for milk each day. How much money will you spend in July 2023? (2)

(Note: School remains closed on Saturday and Sunday)

Q7) a) Write the multiples of 3 upto 70. (3)

- b) write the multiple of 7 upto 70.
 c) Write first two common multiples of 3, 7.

Class 6 Worksheet 4

Q8) Fill in the blanks:

(3)

- a) $782 \times \underline{\hspace{1cm}} = 114 \times 782$
- b) $551 + (234 + 132) = (\underline{\hspace{1cm}} + 234) + 132$
- c) $984 \times (1004) = 984 \times 1000 + 984 \times \underline{\hspace{1cm}}$

Q9) Draw and label a hut using various geometrical shapes. Also, identify in the drawn figure a pair of parallel lines and intersecting lines. (3)

Activity:

Given below is a number puzzle. Solve it using the given number clues.

a.			b.	
		c.		
d.				
			e.	

Clues-

Across

- a. The LCM of 12 and 18
- b. The HCF of 56 and 70
- c. A multiple of 29
- d. The sum of the smallest composite number and the largest 2-digit number
- e. Largest factor of 18

Down

- a. A 2-digit prime number between 30 and 35
- b. The LCM of 45 and 60
- c. A 3-digit multiple of 67
- d. The product of the smallest 2-digit prime number with itself
- e. The HCF of 48 and 60

Subject: Science

General Instructions:

* **Neatly write the answers in your fair notebook.**

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

Q1. Which of the following is a scientific method of learning? (1)

- a) Guesswork
- b) Belief without proof
- c) Observation
- d) Superstition

Q2. A gardener wants to grow plants that survive with very little water. Which of the following should he choose based on their adaptation? (1)

- a) Lotus
- b) Coconut
- c) Cactus
- d) Water hyacinth

Q3. **Assertion (A):** Science involves asking questions and finding answers based on observations and experiments. (1)

Reason (R): Superstition is an important part of scientific thinking.

Q4. Give a reason for the following: (1+1=2)

- a) Camels have padded feet and long eyelashes.
- b) Frogs are suited to live both on land and in water

Q5. List any four ways in which science makes your day easier or better. (2)

Q6. You are drawing a zoo exhibit for animals from the rainforest. What features should these animals have to survive in that environment? Give examples. (3)

Q7. Your friend is playing “Treasure Hunt” using a magnet to pick up iron nails hidden in sand. (1+2=3)

- a) What scientific principle is being applied in this clever trick?
- b) Can you think of two other real-life situations where this principle is used to solve problems or do tasks?

Q8. List three different places where living things can be found. For each, name one organism that lives there. (3)

Q9. Tara was sipping hot soup when she noticed something strange. Her steel spoon felt hot, but the plastic one stayed cool. Curious, she experimented with both spoons in different hot liquids and saw the same result. (1+1+1+1=4)

Class 6 Worksheet 4

- a) What unusual thing did Tara notice about the spoons?
- b) Which property of materials was she exploring?
- c) Why does a steel spoon heat up faster than a plastic one?
- d) Why is Tara's thinking a great example of how scientists think?

Q10. Activity Title: Exploring Diversity in Your Surroundings

(5)

Objective: To observe and record the diversity of living organisms in your surroundings.

Instructions:

1. Go to your garden, schoolyard, or a nearby park.
2. List **any five living organisms** you observe.
3. For each organism, note down:
 - Habitat (Where it lives)
 - One unique feature
 - Category (plant/animal/fungi/insect)

Organism	Habitat	One Special Feature	How It Helps Survive

Subject: Social Science

No. of questions: 10

M.M. 25

- Q1. Enumerate the difference between 'Prehistory' and 'History'. 1
- Q2. List the physical features of India that influence the diversity. 1
- Q3. What is meant by representative fraction (R.F.) in a map? 1
- Q4. Write a short note on 'Foreign Travellers' Account'. 2
- Q5. Observe the harvest festivals of India shown below. Identify each festival and mention the state with which it is traditionally associated. 2



- Q6. Mention any two uses of pottery to early humans. 2
- Q7. Describe three ways of representing scale on a map. 3
- Q8. Write a short note on the following: 3
- (i) Regional Disparity
- (ii) Unity in Diversity
- Q9. Explain how days and nights are caused with the help of a well labeled diagram. 5
- Q10. On the political map of India, locate and label any five of the following Neolithic sites: 5
- Mehrgarh, Burzahom, Chirand, Daojali Hading, Hallur & Paiyampalli

Activity: "Tracing the Journey of Early Man in India"

In a scrap file show the phases of life in the Stone Age from Palaeolithic Age to Chalcolithic Age. Paste/Draw cutouts of relevant pictures.

*You can refer to Page No. 68 of your textbook for the hints.

Subject: Computer Science

No. of questions: 10

M.M. 25

Q1. Tick the correct answer.

(1x10=10)

i) What is coding or programming?

- A. A way to write secret messages
- B. A process of creating instructions for computers to perform tasks
- C. A method of building computer hardware
- D. A system for organizing files

ii) Who is a Guinness world record holder to take up programming at an age of six?

- A. William Potts
- B. Garrett Morgan
- C. Kautilya Kataria
- D. John Peake Knight

iii) What is the purpose of a programming language?

- A. To teach computers different languages
- B. To communicate with different computers
- C. To interact with and give instructions to computers
- D. To translate human languages

iv) Who was the first person to write what we consider a modern computer program?

- A. John Peake Knight
- B. Margaret Hamilton
- C. Ada Lovelace
- D. Steve Russell

v) Which of these is NOT a characteristic of pseudocode?

- A. It uses structured English statements
- B. It requires strict syntax rules
- C. It can be easily reviewed
- D. It helps focus on problem-solving logic

vi) What is MakeCode Arcade?

- A. A video game console
- B. A programming textbook
- C. A free online development environment for games
- D. A computer store

vii). Which of these is NOT a component of MakeCode Arcade?

- A. Block Toolbox
- B. Game Simulator
- C. Database Manager
- D. Programming Workspace

viii). What are Sprites in MakeCode Arcade?

- A. A type of soft drink
- B. Objects that represent characters or items in a game
- C. Programming languages
- D. Computer viruses

Class 6 Worksheet 4

ix) What are Event Handlers?

- A. People who organize events
- B. Code blocks that execute when specific events occur
- C. Computer hardware components
- D. Programming errors

x) Which scientist wrote code that helped save the Apollo moon landing mission?

- A. Ada Lovelace
- B. Margaret Hamilton
- C. Steve Russell
- D. William Potts

Q2. What is the use of a flowchart? 1

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

Q4. Name any two devices that use coding. 1

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

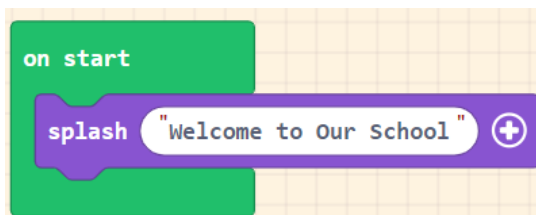
Q6. What is the use of a decision box in a flowchart? Draw a neat diagram. 2

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

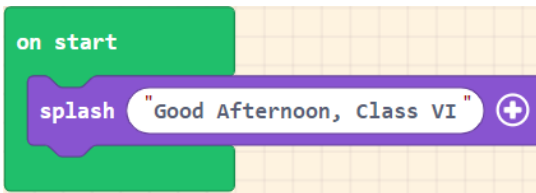


Write the output of the code given below.

Q8. 1

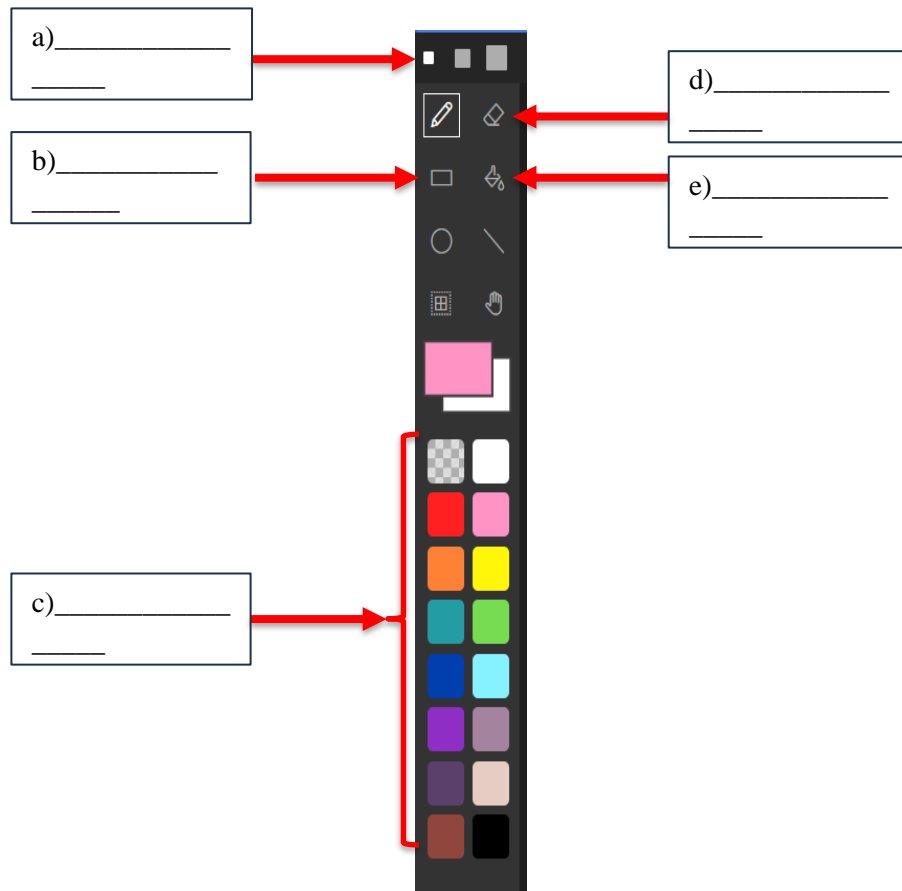


Q9. 1



Q10. Label the components of MakeCode Arcade window given below:

5



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

Attempt the practical questions given below.

Practical 7: Design a poster on “Common Myths About AI” using Adobe Express.

Practical 8: To find the area of a circle where radius=4 cm. (hint: area of circle= 3.14 X radius X radius)