Class 8th

English Holidays Homework

- 1. Write a Leave letter to your class teacher asking three days leave as you going to trip to Mysore.
- 2. Imagine you are living at 12, Green Park Colony, Bangalore 560032. You recently attended a summer camp. Write an informal letter to your friend telling him/her about your experience at the camp.
- **3.** You are Mohan/Radha, the head boy/girl of GVM School, Pune. Your school is organising a tour to Goa. Write out a notice inviting students who want to join the torn:. Put the notice in the box.

What is Homonym? Give examples and frame your own sentences.

4. Fill in the blanks correct Question tags: 1. Jake is from Canada.

- 2. We missed the train.
- 3. Peter isn't very friendly.
- 4. I am right about this.
- 5. You have submitted your project.
- 6. I am concerned that Lily is unwell.
- 7. The boy is singing.
- 8.John isn't a teacher.
- 9. It is quite cold today.
 - 10. Olivia is intelligent.
- 6) Write a paragraph on Rainy season.
- 7) Write any five palindrome words.

8)Answer the following questions:

a) How does the poet describe the behavior of the clouds in the poem "Cloudy Play"? Explain the comparison made between the clouds and children at play.

b) How does the king's decision to gift the white elephant impact the life of the person who receives it? What moral lessons can be drawn from the story?

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अवकाशकालीनगृहकार्यम् (व्याकरणप्स्तकम्)

कक्षा : VIII (2025-26)

- 1. धातुरुपाणिलिखत। (स्था, अस्, चर्) (७लाकर)
- 2. शब्दरूपाणिलिखत।किम् (३लिंग)

- 3. शब्दरूपाणिलिखत। (राम, नदी, कवि, फलम्)
- 4. संख्यावाचकशब्दः लिखत। (१-१००)
 - 5 .निम्नलिखितचित्रमचयतसंस्कृतनामः लिखत्।A4 sheets
 - ७पश्

 - अपुष्पाणि
 - अरंग

 - ५मनुष्यअंगनाम्

SUMMER HOLIDAY HOMEWORK

Class:VIII Subject:Maths

I. Choose the correct option:

	1) Ado	ditive inv	verse of -9 1/3	is
(a) -3/28	(b)	-28/3	(c) −1/3	(d) -9/3

2) Which of these two 7/–8, –5/8, is greater

(a) 7/-8 .	(b) −5/8
(c) Both are equal	(d) Can't Say

3) The radius of a circle is r cm. If the radius becomes thrice, how will the circumference of the circle change?

a) The circumference will become thrice.

b) The circumference will become six times.

c) The circumference will become one-third.

d) The circumference will become one-sixth.

4) What should be subtracted from -5xy to get 5xy?
(a) -10xy
(b) 5xy
(c) 10xy
(d) 5xy
5) Which of the following options is equal to 13x - 4 + 9y + 11?
(a) 22 + xy +7
(b) 22xy + 7
(c) 9x + 20y
(d) 13x + 9y + 7

6) Multiplicative inverse of 1/7 is _____ (AO1) a. 49 b. 5 c. 7 d. -14 7) Any number raised to zero is? a. 0 b. 1 c. ½ d. None of these 8) A number when divided by 42 leaves 0 as remainder. What remainder will it leave when divided by 6?

(a) 0 (b) 1 (c) 2 (d) 3

II. Solve the following:

1. Calculate the perimeter and area of a rectangle with a length of 10 cm and a width of 5 cm.

2. Define a variable and give three examples of algebraic expressions using variables.

3. What is the difference between an equation and an expression? Provide examples for each.

4. Define a rational number. Provide three examples and explain why they are rational.

5. Identify whether the following numbers are rational or not:

a) 0.75 b) -5 c) √2 d) 1/3

6) Define perimeter and area. How are they different?

III. Case based questions:

1) Abhishek, Class VII student received cash award of Rs. 5000 in the Dance competition. His father advised him to make a budget plan for spending this amount. He made the following plan:

Make a bar graph for the above data, and give following answers.

a. Find the mode and median of the above distribution of money.

b. Which values are depicted in his plan?

2) A construction company needs to build a triangular garden with sides measuring 7 meters, 24 meters, and 25 meters. The garden will be in the shape of a right triangle.

a. Verify if the triangle is a right triangle.

b. Find the area of the garden.

c. Calculate the length of the garden's perimeter.

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KENDRIYA VIDYALAYGAURIBIDANUR

HOLIDAY HOME WORK (SUMMER VACATION)

Subject: Science. Class -8th

Instructions:

:Write down in Science Holiday Home work note book from question(1-9)

Q1. The process of loosening of the soil is called (a) tilling. (b) harvesting. (c) spraying. (d) weeding Q2.The chemical substances rich in nutrients are called (a) fertiliser. (b) weedicide. (c) pesticides. (d) herbicides Q3. The microorganism that helps in the preparation of curd b) Lactobacillus. c) Rhizobium. d) Streptococcus a) Yeast. Q4.The bread dough rises because of a) Heat. b) Grinding. c) Growth of yeast cells. d) Kneading Q5.II. Fill in the blanks with appropriate words: 1. The economical methods of irrigation are and 2. ----- and are used to store grains at large scale. 3. Plants of one kind grown at a one place on a large scale is called..... 4.Chicken pox is caused by 5.Kharif crops are sown in.....season. Q6.III.Give reason: 1.Seeds are sown at an appropriate depth. 2. Grains should be dried before storing. 3.Dry neem leaves are added to the stored grains. Q7.DEFINE: a) Microorganisms b) Biological nitrogen fixers c) Fermentation d) Antibodies e) Carrier f) Communicable diseases.

Q8.ASSERTION: The soil needs to be turned and loosened.

REASON: Since only a few centimeters of the top layer of soil supports plant growth, turning and loosening of soil brings the nutrient-rich soil to the top so that plants can use these nutrients.

Q9.ASSERTION : Germination of seeds does not take place under dry conditions.

REASON : Plants contain nearly 90% water.

Q10. Pull out a gram or bean plant from field observe its roots.You will find round structures called route nodule on roots.Draw a diagram of the root and show root nodule on chart paper

Q11. Collect the labels from bottles of jam and jellies.Write down the list of content printed on label(preservatives)on a A4 Sheet.

Q12. Collect picture of some other agricultural machines and paste them on a chart paper . Write their names and use.

Q13. Prepare a model to show reproduction in Amoeba.

Q14. Prepare a model to show reproductive organ of human male and female using a clay.

Q15. Do revision of Bridge course chapters thoroughly.

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केन्द्रीयविद्यालयगौरीबिदनूर

कक्षा- आठवीं

ग्रीष्मावकाशगृह-कार्य

- 1- किन-किनचीजोंकेनामव्यक्तिवाचकसंज्ञाहोतेहैं। उनकेपाँच-पाँचउदाहरणलिखिए।
- 2- जातिवाचकसंज्ञाऔर विशेषणसेदस-दसभाववाचकसंज्ञाबनाइए।
- 3- गुणवाचक और संख्यावाचक विशेषण के बीस-बीस उदाहरण लिखिए।
- 4- दिएगएशब्दोंकेचित्रबनाकरयाचिपकाकरउनकेपाँच-पाँचपर्यायवाचीशब्दलिखिए।
- सूर्य, चाँदफूल, वृक्ष, पहाड़, नदी, बादल, चिड़िया, मकान , मनुष्य, नारी, भगवान समुद्र
- 5- बीसम्हावरोंकाअर्थलिखकरउनकावाक्यमेनपरायोंकीजिए,

Subject: Social Science

- 1) What do you mean by agriculture mention the types of agriculture
- 2) what are the uses of agriculture
- 3) what are the problem faced by Indian formers
- 4) differentiate between population and density of population
- 5) what do you mean by minerals explain the importance of mineral
- 6) List out the soils of India where you can you find out Alluvial soil in India
- 7) differentiate between Private hospital and Public Hospital
- 8) what is history explain the archaeological sources in the study of history
- 9) mention the historical monument in Asian continent
- 10) sketch an outline map of India locate the following

a)Mumbai

b)Tropic of Cancer

c)river Ganga

d) Puducherry

e) Nilgiri Hills

f) Kolkata

g) 82.5 degree East longitude

11) mention the rights of the Constitution of India

12) which are the fundamental duties of India mention in Indian constitution

13) visit the form in your village or locality and list out the agricultural activities taken

place in the form

- 14) list out the high population density in India
- 15) make a paper Collage on rainforest
- 16) what are the uses of water
- 17) which are the freshwater resources
- 18) why do we not use the ocean water for the purpose drinking
- 19) list of the ocean and continents of the world
- 20) What are the uses of the forests

KENDRIYA VIDYALAYA GAURIBIDANUR

SUMMER HOLIDAY HOME WORK MAY-JUNE 2025

ARTIFICIAL INTELLIGENCE (CODE-417)

CLASS: VIII

Date: 26/04/2025

- I. Choose the correct option from the following questions:
- 1. What does AI stand for?
- A) Automatic Intelligence
- B) Artificial Information
- C) Artificial Intelligence
- D) Advanced Internet

2. Which of the following is an example of AI in everyday life?

- A) Microwave oven
- B) Smart voice assistant (like Alexa or Siri)
- C) Ceiling fan
- D) Calculator

3. Which skill is important for AI to work properly?

- A) Sleeping
- B) Learning from data
- C) Drawing pictures
- D) Playing music

4. AI can be used in which of the following fields?

- A) Healthcare
- B) Education
- C) Agriculture
- D) All of the above

5. Which of these is NOT a goal of AI?

- A) Making machines think
- B) Making machines understand human emotions
- C) Making machines forget tasks
- D) Making machines learn

6. What is the term for teaching AI using examples and data?

- A) Training
- B) Cooking
- C) Cleaning
- D) Typing

7. Which of these is a common type of AI?

- A) Strong AI
- B) Weak AI
- C) Tiny Al
- D) No Al

8. What does the "Natural Language Processing" (NLP) domain of AI focus on?

- A) Learning to cook
- B) Understanding and speaking human language
- C) Making robots walk
- D) Playing video games

9. Which AI domain helps in recognizing patterns and making predictions?

- A) Machine Learning
- B) Painting
- C) Data Typing
- D) Animation

10. Which domain of AI is related to robots and their actions?

- A) Game playing
- B) Data Science
- C) Robotics
- D) Image Editing

11. Which AI domain enables a computer to understand images and objects?

- A) Natural Language Processing
- B) Computer Vision
- C) Programming
- D) Word Processing

12. A chatbot that answers your questions is using which domain of AI?

- A) Computer Vision
- B) Machine Learning
- C) Natural Language Processing
- D) Web Development

II Fill in the blanks

1. Al stands for _____ Intelligence.

- 2. ______ is the ability of a machine to mimic human intelligence.
- 3. A smart assistant like Siri or Alexa is an example of ______ in real life.

- 4. The process of feeding data to AI so it can learn is called ______.
- 5. The three main domains of AI are Data, Computer Vision, and ______.
- 6. AI uses _______ to learn from patterns and improve over time.
- 7. ______ is an AI domain that allows machines to understand human language.

8. A self-driving car uses ______ to see and understand the environment.

- 9. AI that performs a specific task like playing chess is called ______ AI.
- 10. AI can help in fields like healthcare, education, and ______.

III Match the following

Part-A

Part-B

c) Chatbot

- 1. Sophia a) Computer Vision
- 2. Turing Test b) Game based on NLP
- 3. Self-Driving Cars
- 4. Rock, paper & scissor
- 5. Amazon Go

- d) Alan Mathison Turing
- e) Game based on Data Science

IV Answer the following questions

- 1. What does AI stand for?
- 2. Name one example of AI used in daily life.
- 3. Write any one domain of AI. 4. What is the full form of NLP in AI?
- 5. What is Artificial Intelligence in simple words?
- 6. How is AI used in education?
- 7. What is the difference between AI and human intelligence?

8. Sarayu used an AI-based app that helped her translate English to Hindi. Which AI domain is being used here? Explain how it works.

9. Imagine a world where AI is used in farming. What tasks can AI help with?

- 10. Why is data important for AI? Give an example to explain.
- 11. Write a short note on History of AI.
- 12. List and explain the applications of Chatbots in the field of Education.

NOTE:

1. Write this in AI Homework book (Single ruled 100pages).

2. Write the heading as Summer Holiday Home work and same thing should be filled in index page.

3. Everyone should submit the written H.W book during school opening day.