

DAV PUBLIC SCHOOL IFFCO PARADEEP

SUMMER HOLIDAY HOMEWORK

SESSION 2022-23

CLASS VI

Dear Students

With summer holidays around the corner, our heart swells up with a spectrum of emotions.

To maintain the educational continuum and to keep in view the rejuvenation you need, an enriching homework for the holidays is designed to keep you constructively busy and put boredom at bay. Continue to read e-newspapers every day and do not forget to complete your notebooks and assignments of the syllabus covered in offline classes during April and May 2022.

Don your thinking cap, wear your magic mantle to put forth your creative side. Have fun and frolic, build up your learning activities as a treasure,

Hope to see you soon.

Happy summers !

With best wishes

Class Teacher and Subject Teachers

SL NO	SUBJECT	HOLIDAY HOMEWORK
01	SCIENCE	<p>[I]Make a weekly healthy and balanced meal plan. Each day must include Snack (morning), Lunch, Snack (evening), Dinner. Do it in your scarp book in a tabular form.</p> <p>[II]ANSWER THE FOLLOWING QUESTIONS IN YOUR HW COPY</p> <p style="text-align: center;">SET A</p> <p>1. Which of the following cannot be recycled ? Book Wooden Stool Mirror Tin can</p> <p>2.Which of the following are used for vermicomposting ? Hookworms Redworms Blueworms Roundworms</p>

3. The colour of the dustbin in which bio-degradable wastes collected is
 Red Blue Orange Green
4. The colour of the dustbin in which non-biodegradable wastes collected is
 Yellow Blue Black Green
5. The gas released during photosynthesis is
 Nitrogen Chlorine Carbon dioxide Oxygen
6. The gas used during respiration occur in organisms is
 Nitrogen Chlorine Carbon dioxide
 Oxygen
7. The group of organisms, which use light for making food, are called
 Decomposers Producers Scavengers
 Omnivores
8. Heterotrophs are also called
 Consumers Producers
 Microorganisms Herbivores
9. This is a biodegradable material
 Aluminium foil Glass Plastic
 Bone
10. Deers are also called
 Producers Scavengers
 Primary consumers Secondary consumers
11. Every food chain starts with
 Autotrophs Decomposers Animals
 Food
12. The process by which autotrophs produce their own food is called
 Respiration Transpiration Photosynthesis
 None of the above
13. The animals that feed on both producers and consumers are
 Decomposers Herbivores
 Secondary consumers Omnivores
14. The instrument used for measuring temperature is called
 Speedometer Rain-gauge Thermometer
 None of the above
15. Abiotic environment is also called
 Physical environment Living environment
 Mineral cycle None of the above

SET B

- [1]. Visit a pond and make a list of animals found inside the water.
 - [2]. Name some plants which live in dry areas.
 - [3]. Mention a few aquatic plants found in a pond.
 - [4] Name the places of living of following plants:
Cactus, Hydrilla
 - [5] What is adaptation?
 - [6] What is habitat?
 - [7] What are aquatic habitats?
 - [8] What are terrestrial habitats? Give examples.
 - [9] What are biotic components?
 - [10] Explain abiotic components and ecology.
 - [11] Why does a fish have slippery scales on its body?
 - [12] Out of desert and aquatic plants, whose roots are almost absent?
 - [13] Give three main adaptive features in desert plant.
 - [14] What adaptation of desert animals protect themselves from deficiency of water?
 - [15] What is the ultimate source of energy for every ecosystem? Which biotic component can trap solar energy and how?

		<p>[16]Mountain is special terrestrial habitat where temperature is very low and most of the areas are covered with snow. What is flora and fauna of this habitat at higher altitudes?</p> <p>[17]Why do camels have long legs?</p> <p>[18]What are nocturnal animals? Give two examples of nocturnal animals.</p> <p>[19]If strong winds blow only in one direction, what will be the effect on trees?</p> <p>[20]Why head and snout of snake is tapering?</p> <p>[21]Which plants have leaves without pores?</p> <p>[22]Plants in hilly areas have to bear high speed winds and cold. Which adaptation best helps them to face such conditions?</p> <p>[23]Give one example of free floating plant plants without root.</p> <p>[24]Name the respiratory organ in terrestrial animals aquatic animals (fish)</p> <p>[25]How do the skins of animals living in cold places protect them from cold conditions?</p> <p>[26]How is a fish adapted to live in water?</p> <p>[27]What is the adaptation mechanism of chameleon?</p> <p>[28]What do you mean by camouflage?</p> <p>[29]What is known as ‘Lungs of the world’?</p> <p>[30]What are blowholes?</p> <p>[31]Differentiate between diurnal and nocturnal animals.</p> <p>[32]Define predators and prey.</p> <p>[33]List the important characteristics of living things, which differentiate them from non-living things.</p> <p>[34]What is the role of decomposers?</p> <p>[35]Differentiate between locomotion and movement.</p>
02	SOCIAL SCIENCE	<ol style="list-style-type: none"> On an outline map of world, label and colour any ten countries of the world. Also name their capitals. On an outline map of India, show the physical features of India by using suitable colours. Prepare a collage of all the state animals of our country. Paste pictures of any 10 famous monuments of World and write briefly about them.

		<p>5. Prepare a collage of Religious, Non religious literatures.</p> <p>6. Draw any 20 conventional Symbols used in maps all over the World.</p>
03	HINDI	<p>Q1- जल के संरक्षण (बचाव) के लिए उपाय बताते हुए चार्ट पेपर में जल और उससे संबंधित चित्र बनाते हुए तीन स्लोगन लिखिए ।</p> <p>Q2) संज्ञा के तीनों भेदों के नाम लिखकर पाँच -पाँच उदाहरण लिखिए ।</p> <p>Q3) अपनी छठी कक्षा की वार्षिक परीक्षा के लिए आप क्या -क्या तैयारियाँ करेंगे ? उसके लिए क्या-क्या कठिनाइयाँ का सामना करते हैं ? उसके बारे में बताते हुए अपने मित्र को पत्र लिखिए ।</p> <p>Q4--हिमपात, पाला, बर्फ कैसे और कब पड़ते हैं ? तीनों के बारे में बताते हुए लिखिए ।</p> <p>Q5- मिलजुलकर कार्य करने के क्या महत्व हैं ? इसके बारे में बताते हुए 100-125 शब्दों में अनुच्छेद लिखिए ।</p> <p>[1:13 pm, 11/05/2022] PUNIT SIR: Si</p>
04	ODIA	<p>१. ବିଶ୍ୱ ଆଧ୍ୟାତ୍ମରେ ନିମ୍ନରେ ଦିଆଯାଇଥିବା ପ୍ରକ୍ଷଣ ନମ୍ବରର ଛବିର homework ଖାତାରେ ଲେଖ ।</p> <p>ବନବାଣୀ- ପ୍ରକ୍ଷଣ ନମ୍ବର - 2, 3</p> <p>୨. ବର୍ଣ୍ଣବୋଧ ବହିରୁ ଯୁକ୍ତାର ଥିବା ଦୁଇଟି ଲେଖାର୍ଥ ଶବ୍ଦ ଲେଖ ।</p> <p>୩. ବ୍ୟାକ୍ସାମର ଉପକାରିତା ବୁଝାଇ ସାନ୍ଧାର ନିକଟକୁ ପଡ଼ୁ ଲେଖ ।</p> <p>୪. ରତ୍ନା ଲେଖ - ଓଡ଼ିଶାର ପର୍ବପର୍ବାଣି ନିରନ୍ତରାଥ ଦାସ ଏବଂ ଭାଗବତ ସମ୍ପର୍କଗତ ଯାହା କାଣ ଲାଗେ ।</p>
05	SANSKRIT	<p>1. “पुरः पुरः प्रगच्छ रे!” इति पद्यस्य सर्वर आवृत्ति कृत । (make a video for this with school uniform)</p> <p>2. शब्दरूपाणि लिखत-</p> <p>i) अ-कारान्तं पुंलिंग- देव, नर, राम</p>

		<p>ii) आ- कारान्त स्त्रीलिंग- लता, सीता, राधा</p> <p>iii) इ- कारान्त पुंलिंग- मुनि, रवि, ऋषि</p> <p>iv) ई- कारान्त स्त्रीलिंग- नदी</p> <p>v) सर्वनाम- एतद्, अस्मद्, युस्मद्</p> <p>3. धातुरूपाणि लिखत-</p> <p>i) भू-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारे लिखत।</p> <p>ii) गम्-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारे लिखत।</p> <p>iii) पठ्-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारे लिखत।</p> <p>iv) चल्-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारे लिखत।</p> <p>4. Draw & Compositions of National Emblems of India in a $\frac{1}{4}$ size chart paper.</p> <p>5. Write 10 lines in Sanskrit language on the topic- मम माता, मम मित्रम्</p>
06	ENGLISH	<ol style="list-style-type: none"> 1. Make a ' Thank You Card' for accepting the invitation of your best friend's birthday. Write a meaningful message and decorate it. 2. Write in five sentences how will you help the street animals and birds in this summer? Click your own photos while taking care of it and paste it in your hw copy. 3. Make a poster on ' Benefits of reading books' with slogans. (Use A3 size paper) 4. Create a memory book of the best moments for summer breaks, for each moment write few lines. Decorate your memory book with colourful cover. 5. Write the news headlines in your news copy everyday. (date wise)
07	MATHS	<ol style="list-style-type: none"> 1. Write about 10 Mathematician (Indian and International) and paste their photos in your Maths lab activity copy. 2. Revise chapter- 1 and 3.

3. Solve 15 MCQ questions of LOGICAL REASONING and MATHEMATICAL REASONING.

LOGICAL REASONING

1. Rearrange the following letters to make a single word and then choose the category to which it belongs.

FG OR

2. Joy wants to save ₹ 50 to buy a pair of roller blades. He plans to save ₹ 2 in the first month, ₹ 4 in the second month, ₹ 6 in the third month and ₹ 8 in the fourth month.

the fourth month.		
Months	Amount saved during month	Total saving
1	₹2	₹2
2	₹4	₹6
3	₹6	₹12
4	₹8	₹20
*	*	*
*	*	*
*	*	*

If Joy continue this savings pattern, then how many months will Joy take to save \$ 50 ?

(A) 5 months (B) 7 months
 (C) 8 months (D) 10 months

3. $\triangle \triangle = \square \triangle \square$, $\triangle \square = \bigcirc \bigcirc \triangle$

= 50
Using the diagram above, which of the following statements is true?
(A) $\bigcirc < \triangle$ (B) $\square > \bigcirc$

4. According to the diagram, how many students have more than one favourite type of book?

MATHEMATICAL REASONING

5. In Parul's garden, there are 25 rows of vegetables. She has five more rows of peppers than tomatoes and two fewer rows of cucumbers than tomatoes. If y represents the number of rows of tomatoes in the garden, then which number sentence can be used to find how many rows of each vegetable were planted?

(A) $y + (y + 5) + (y + 2) = 25$
(B) $(y + 5) + y = 25$
(C) $(y + 5) + (y - 2) = 25$
(D) $(y + 5) + (y - 2) + y = 25$

6. Which of the following figures have at least two lines of symmetry?

- 
 P 
 Q 
 R 
 S

(A) Only P (B) Both P and Q
 (C) Both Q and R (D) P, Q, R and S

7. Subtract 29.375 from the sum of 85.75 and 5.9.
 (A) 62.275 (B) 63.275

8. The five-day forecast for the South Pole lists the low temperatures (in Fahrenheit) as -24° , -28° , -29° , -25° , and -30° . Which choice shows the temperatures in order from the lowest to the highest?

EVERYDAY MATHEMATICS

11. Vinita can type 28 words per minute. At this rate, how many words can Vinita type in 5.5 minutes?
(A) 154 (B) 157

- (C) 45 (D) 66

19. Mohit is selling candy bars. He has chocolate bars, nut bars, and mint bars. If a customer buys two bars, and the bars are not of the same type, then how many different combinations are possible?

(A) 3 (B) 6

- (C) 159 (D) 162

12. At a school, there are 704 desks to place into 22 classrooms. If the same number of desks is placed in each classroom, then how many desks will be there in each room?

ACHIEVERS SECTION

14. Fill in the blanks:

(i) The opposite sides of a parallelogram are _____ and _____.

- (ii) A quadrilateral having only one pair of opposite sides parallel is called a R.

(iii) A parallelogram having all the sides equal is called a S.

P	Q	R	S
(A) Equal	Parallel	Rectangle	Rhombus
(B) Equal	Non-parallel	Trapezium	Kite
(C) Equal	Parallel	Trapezium	Rhombus
(D) Equal	Parallel	Trapezium	Kite

- 15.** Study the statements given below and choose the correct answer.

Statement 1 : Numbers having more than two factors are known as composite numbers.

Statement 2 : A number for which sum of all its factors is equal to twice the number is called a perfect number.

(A) Statement-1 is true and statement-2 is false
(B) Statement-1 is false and statement-2 is true
(C) Both statements are true.
(D) Both statements are false.