DAV PUBLIC SCHOOL, IFFCO, PARADEEP
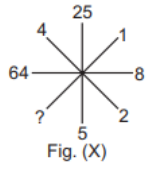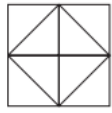# HOLIDAY HOME WORK-2022-23
CLASS-VII

"Learning is the only thing the mind never exhausts, never fears, and never regrets. May the great goddess Maa Durga provide you with the strength, wisdom, and courage to overcome all obstacles in life."
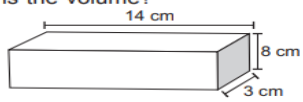
Dear Students ,

ENGLISH	Q.1. Write a self-composed poem on the topic ' Save Tree , Save Life ' with minimum two stanzas. Q.2. Prepare a poster on 'Dignity of Labour'. Q.3. Read the newspaper daily and write only one International, National , Regional , Sports, Business news in your cw copy. Q.4. Refer to a dictionary and write 100 new words along with their meanings and usage in a sentence. Q.5. Create your own diary and write daily about one of your virtuous act which you will do like helping your mother, feeding your pet animal or helping any poor or needy etc. in about 50 words. Q.6. Write 50 verbs along with their V1, V2 and V3 forms. * Learn and revise whatever taught in the class.
HINDI	Q1.आप अपने मित्र की मुसीबत के समय किस तरह उसकी मदद करते हैं या कर सकते हैं ? उसके बारे में बताते हुए एक साहस भरी कहानी लिखिए। Q2.दस मुहावरे और उनके अर्थ , पाँच अल्पप्राण और महाप्राण व्यंजन वर्ण, पाँच संयुक्त व्यंजन वाले वर्ण को चार्ट पेपर में लिखिए। Q3. अपने किसी प्रिय ऋतु /मौसम के बारे में बताते हुए 125 शब्दों में अनुच्छेद लिखिए। Q4. हिंदी के बारह महीने का नाम लिखकर और उन महीनों की पाँच-पाँच विशेषता बताते हुए लिखिए । Q5. महीनों की तरह अपनी पहचान बनाने के लिए आप क्या करेंगे ?
ODIA	1. ୧.ବିଷୟ ଆଧାରରେ ନିମ୍ନରେ ଦିଆଯାଇଥିବା ପ୍ରଶ୍ନର ଉତ୍ତର homework ଖାତାରେ ଲେଖ । a. ପ୍ରଶ୍ନ- ରାମ, ଲକ୍ଷ୍ମଣ, ସୀତା ଏବଂ ଭରତଙ୍କ ସୁଗୁଣଗୁଡ଼ିକ ବର୍ଣ୍ଣନା କର । 2. ୨. ରଚନା ଲେଖ – ରଜପର୍ବ 3. ୩. ମନଲଗାଇ ପାଠପଢ଼ିବାକୁ ଉପଦେଶ ଦେଇ ସାନଭାଇ ନିକଟକୁ ପତ୍ର ଲେଖ । 4. ୪. ତୁମ ଅଞ୍ଚଳରେ ପାନୀୟଜଳ ସମସ୍ୟା ଦୂରକରିବା ପାଇଁ ଜିଲ୍ଲାପାଳଙ୍କୁ ଦରଖାସ୍ତ ଲେଖ । 5. ଗଙ୍ଗାଧର ମେହେରଙ୍କ ଜୀବନୀ ଏବଂ ସାହିତ୍ୟଜଗତକୁ ତାଙ୍କର ଅବଦାନ ସଂକ୍ଷେପରେ ଲେଖ । 6. ଅଭିମନ୍ୟୁ ସାମନ୍ତସିଂହାରଙ୍କର ଜୀବନୀ ଏବଂ ସାହିତ୍ୟଜଗତକୁ ତାଙ୍କର ଅବଦାନ ସଂକ୍ଷେପରେ ଲେଖ ।
SANSKRIT	1. Chapter-3 book question & answer must complete. 2. Write Dhaturupani of following Dhatu's- पठ्,गम्,पा,अस्,कृ (पञ्चलकारेषु) 3. Write Sabdarupani of Following Sabda's- मुनि, नर, लता, साधु, अस्मद्, युष्मद्, एतद्। 4. Write a paragraph related to nature in Sanskrit language. Minimum 10 lines. 5. Draw & colour a picture of a tree & mention its parts name in Sanskrit language. 6. Remember all Sabda's & Dhatu. after vacation it will ask in the class to each Students.

MATHEMATICS	1. Write about 10 Mathematician (Indian and International) and paste their photos in your Maths lab activity copy.
	2. Revise chapter- 1 and 2.
	3. Solve 15 MCQ questions of LOGICAL REASONING and MATHEMATICAL REASONING.

LOGICAL REASONING

1. Which will come next in the series?

az, by, cx, ___?___

(A) ef (B) gh
(C) ij (D) dw

2. Which number will replace the (?) in Fig. (X)?

(A) 1
(B) 2
(C) 3
(D) 4

Fig. (X)

3. Which of the following options most closely resembles the mirror image of the given word, if the mirror is placed vertically to the left?

STROKE

(A) ƧTЯOꞰE (B) EKORTS
(C) ROKETS (D) ƎꞰOЯTƧ

4. Count the number of triangles in the given figure.
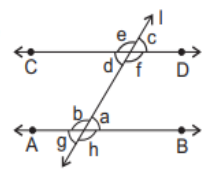
(A) 8
(B) 10
(C) 12
(D) 14

MATHEMATICAL REASONING

5. The value of $4\frac{3}{4} - 2\frac{1}{2} =$

(A) $1\frac{1}{4}$ (B) $1\frac{3}{4}$
(C) $2\frac{1}{4}$ (D) $2\frac{3}{4}$

6. This rectangular prism has a length of 14 cm, a height of 8 cm, and a width of 3 cm. What is the volume?

(A) 25 cu. cm (B) 42 cu. cm
(C) 112 cu. cm (D) 336 cu. cm

7. Which expression represents the product of n and 25?

(A) $25n$
(B) $25 - n$
(C) $25 + n$
(D) $25 \div n$

8. What is the prime factorization of 45?

(A) $2^3 \times 5$
(B) $3^2 \times 5$
(C) $5^2 \times 3$
(D) $5^2 \times 9$

9. The value of $11.3 \times 2.7 =$ _____.

(A) 29.31
(B) 29.51
(C) 30.31
(D) 30.51

10. Mohit gains 60 paise on ₹ 60. His gain percent is _____.

(A) 1%
(B) 0.1%
(C) 2%
(D) 1.1%

EVERYDAY MATHEMATICS

11. Kartik can throw a ball $50\frac{3}{5}$ m high. Ayan can throw the same ball $48\frac{1}{3}$ m high. How much farther can Kartik throw the ball than Ayan?

(A) $2\frac{2}{15}$ m (B) $2\frac{4}{15}$ m
(C) $2\frac{3}{5}$ m (D) $2\frac{4}{5}$ m

12. In a parking lot, 1 out of every 8 cars is blue.

What percent of the cars in this lot are blue?

(A) 1.25% (B) 7%
(C) 9% (D) 12.5%

13. A duck flew at speed of 18 km per hour for 3 hours, then at speed of 15 km per hour for 2 hours. How far did the duck fly in all? $\left(Speed = \frac{Distance}{Time}\right)$

(A) 69 km (B) 75 km
(C) 81 km (D) 84 km

ACHIEVERS SECTION

14. In a quiz, 40 prizes consisting of 1st and 2nd prizes only are to be given. 1st and 2nd prizes are worth ₹ 2500 and ₹ 1500, respectively. If the total prize money is ₹ 85,000, then

(i) The equation formed is
(ii) The number of 1st prizes are
(iii) The number of 2nd prizes are

	(i)	(ii)	(iii)
(A)	$2500x + 1500(40 - x) = 85000$	25	15
(B)	$2500x - 1500(40 - x) = 85000$	36	4
(C)	$2500x \times 1500(x - 40) = 85000$	20	20
(D)	$2500x - 1500(x - 40) = 85000$	15	25

15. Study the given statements.

Statement - I : e and h are supplementary angles.

Statement - II : c and g are equal angles.

Which of the following options is correct?

(A) Both statement-I and statement-II are true.
(B) Statement-I is true and statement-II is false.
(C) Statement-I is false and statement-II is true.
(D) Both statement-I and statement-II are false.

SCIENCE	**PHYSICS**
	1. Activity: Go to a doctor or your nearest health center. Observe the doctor taking temperature of patients. Enquire;

PHYSICS

1. Activity: Go to a doctor or your nearest health center. Observe the doctor taking temperature of patients. Enquire;
a) Why he dips the thermometer in a liquid before use.
b) Why the thermometer is kept under the tongue.
c) Whether the body temperature can be measured by keeping the thermometer at some place other than the mouth.
d) Whether the temperature of different parts of the body is the same or different.

2. Make a short PPT (Having 5/6 slides) on
"Applications of good and bad conductors of heat. Use the concept of conductors and insulators of heat to illustrate how to keep your houses cool in summer."

3. UP TO DATE THE CLASS WORK COPY.

4. Write the following assignment in home work copy.

ASSIGNMENT

1. **In places of hot climate it is advised that the outer walls of houses be painted white. Explain.**

2. **Is it possible to construct buildings that are not affected much by heat and cold outside?**

3. **Why clinical thermometers range from 35°C to 42°C?**

4. **Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.**

5. A laboratory thermometer A is kept 7 cm away on the side of the flame while a similar thermometer B is kept 7 cm above the flame of a candle as shown in figure. Which of the thermometers A or Swill show a greater rise in temperature? Give reason for your answer.

CHEMISTRY

Questions:-

1. Write the chemical formula (Criss-cross method) of
a) Calcium nitrate
(b) Sodium phosphate
c) aluminium hydroxide
d) potassium acetate
e) copper sulphate

2. Write the product of the following reactions
a) $CH_3COOH + NaOH \rightarrow$
b) $K + NaNO_3 \rightarrow$
c) $Ca(OH)_2 + H_2SO_4 \rightarrow$
d) $NaOH + HNO_3 \rightarrow$
e) $CaO + H_2O \rightarrow$

3. Write 3 examples of decomposition reactions.

4. Differentiate between physical change and chemical change.

5. Classify as pure substances and mixture- air, $CuSO_4$ solution, diamond, sugar, distilled water, rain water, sodium, rust

6. What are ions? Write 5 examples of positive ions and 5 examples of negative ions.

7. Why do we need to balance a chemical equation?

8. Is mixture and compound same? Explain your answer.

9. Write the balanced chemical equation for reaction between H_2SO_4 and KOH.

10. Complete the exercise (something to know) of chapter-"chemical substances and process".

BIOLOGY

[1] Prepare a power point presentation of the chapter 1: Nutrition in living organisms-plants. (MAXIMUM 20 SLIDES)

[2] Update your CW & HW copy and go through all questions and answers written in it.

[3] ANSWER THE FOLLOWING QUESTIONS IN YOUR **HW** COPY.

(A) Classify according to food-type.

TIGER, COW, VULTURE, BACTERIA, DEER, GOAT, HUMAN, FUNGUS, LION, SPARROW, BUFFALO, FROG, COCKROACH, TICK.

(B) Match the pairs.

Group 'A'		Group 'B'	
(1)	Parasitic plant	(a)	Mushroom
(2)	Insectivorous plant	(b)	Lichen
(3)	Saprophytic plant	(c)	Drosera
(4)	Symbiotic plant	(d)	Cuscuta

(C) Answer the following questions in your own words.

(a) Why do living organisms need nutrition?

(b) Explain the process of production of food in plants.

(c) What is meant by parasitic plants? Name their different types with examples of each.

(d) Explain the various steps of nutrition in animals.

(e) Name some unicellular organisms in which all life-processes take place within their unicellular body.

SOCIAL SCIENCE	1. Prepare a colourful presentation of the life cycle of a river.
	2. Draw, colour and name any two erosional features by River, Wind, Glacier and Sea Waves.
	3. Collect the List of Prime Ministers of India with name, political party, working period and photograph.(follow the tabular chart) (Civics)
	4. List 10 famous Emperor/King of Medieval India with name, kingdom, ruling period and photograph. (History)
	5. Write the description of six fundamental Rights of Indian Constitution.(Civics)
	6. Write 20 different Scheme of Government of India during the Prime Minister of Narendra Modi Government.(Civics)
	7. Write 11 Fundamental Duties of the Constitution of India.(Civics)

N.B:

- ✓ Maintain index in your CW and HW copy.
- ✓ Draw margin line in your CW and HW copy.
- ✓ Do page numbering in all copies.

Its SUMMER TIME again. Time to strengthen your family bond, sharing joy and sorrow. Use your holiday home work as an opportunity to spend quality time together. Let your child take the lead and use his/ her imagination, creativity and knowledge to do the assigned work. The role of the parent is to be a facilitator and guide to sheer the child in the right direction. Take good care of your health and hygiene.

WE WISH YOU TONS OF HAPPINESS, JOY AND FUN WHILE YOU ARE ON VACATION.

Sign of Supervisor　　　**Sign of Coordinator**　　　**Sign of Principal**