

DAV PUBLIC SCHOOL IFFCO PARADEEP

HOLIDAY HOMEWORK FOR AUTUMN BREAK-2022-23

STD-VIII

| Sl. No | Subjects | Contents |
|--------|----------|--|
| 1 | ENGLISH | <p>Q.1. Write a self-composed poem on the topic ' Stop Global Warming ' with minimum three stanzas.</p> <p>Q.2. Prepare a poster on ' Road Safety '.</p> <p>Q.3. Refer to a dictionary and write 100 new words along with their meanings and usage in a sentence.</p> <p>Q.4. Prepare a Tense Chart by showing the usage of any one verb of your choice.</p> <p>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.</p> <p>Q.6. Read the newspaper daily and write only one International, National , Regional , Sports, Business news in your cw copy.</p> <p>Q.7. Prepare at least five extra questions from ' Three Questions ' , 'Granny's Tree Climbing ' and ' The Fun They Had ' and write along with answers.</p> <p>* Learn and revise whatever taught in the class.</p> |
| 2 | HINDI | <p>Q1. अपने आस-पास के पर्यावरण में फैली हुई गंदगी और उसकी सफ़ाई की उचित व्यवस्था करने के लिए अपने नगर निगम अधिकारी को प्रार्थना पत्र लिखिए ।</p> <p>Q2. हिंदी के दस विराम चिन्हों के नाम लिखकर और उनसे बनने वाले एक -एक वाक्य लिखिए ।</p> <p>Q3. पाँच मुहावरे के अर्थ और उनका वाक्यों में प्रयोग, 'र' के विभिन्न रूपों के पाँच शब्द, दस तद्भव शब्द लिखकर और उसका तत्सम बनाते हुए बड़े चार्ट पेपर में लिखिए ।</p> <p>4. अपने सबसे आदर्श व्यक्ति के बारे में बताते हुए 100-125 शब्द में अनुच्छेद लिखिए ।</p> <p>5- दारा के अंदर कौन-कौन से गुण था ?</p> <p>6- पशु-पक्षियों को पिंजरे में बंद करना उचित नहीं है क्यों ? 40-50 शब्दों में उत्तर लिखिए ।</p> |
| 3 | SANSKRIT | <p>1. " सुवचनानि " इति पद्यस्य सस्वर आवृत्तिं कुरुत। (make a video for this with school uniform)</p> <p>2. Draw & Compositions of a nest काक and चटका in a ¼ size chart paper.</p> <p>3. Make a home (nest) of crow with mud (craft work)</p> <p>4. Make a home (nest) of Sparrow with straw (craft work)</p> <p>5. शब्दरूपाणि लिखत-</p> <p>i) अ-कारान्त पुलिङ्ग- देव, नर, राम</p> <p>ii) आ- कारान्त स्त्रीलिङ्ग- लता, सीता, राधा</p> |

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| | | <p>iii) इ- कारान्त पुंलिङ्ग- मुनि, रवि, ऋषि</p> <p>iv) ई- कारान्त स्त्रीलिङ्ग- नदी</p> <p>v) सर्वनाम- एतद्, अस्मद्, युस्मद्</p> <p>6. धातुरूपाणि लिखत-</p> <p>i) भू-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारेषु लिखत।</p> <p>ii) गम्-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारेषु लिखत।</p> <p>iii) पठ्-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारेषु लिखत।</p> <p>iv) चल्-धातु- लट्, लृट्, लङ्, लोट्, विधिलिङ् लकारेषु लिखत।</p> <p>v) लभ्-धातु- लट्, लृट् लकारयोः लिखत।</p> <p>vi) सेव्-धातु- लट्, लृट् लकारयोः लिखत।</p> |
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i) ନିମ୍ନ ରଚନା ଗୁଡ଼ିକ ଲେଖ ।

କ) ଭାରତର ରତ୍ନଚକ୍ର

- a) ଭାରତରେ ଦେଖାଯାଉଥିବା ରତ୍ନ (୧୨ ମାସ ୬ରତ୍ନ , ମୁଖ୍ୟ ୩ ରତ୍ନ)
- b) ଗ୍ରୀଷ୍ମ ରତ୍ନ (ସମୟ , ପ୍ରଭାବ , ପର୍ବ , ଖାଦ୍ୟ)
- c) ଶୀତ ରତ୍ନ (ସମୟ , ପ୍ରଭାବ , ପର୍ବ , ଖାଦ୍ୟ)
- d) ବର୍ଷା ରତ୍ନ (ସମୟ , ପ୍ରଭାବ , ପର୍ବ , ଖାଦ୍ୟ)
- e) ଶେଷକଥା (ନିଜସ୍ବ ମତାମତ -ସବୁ ରତ୍ନର କିଛି ନା କିଛି ମହତ୍ବ ରହିଛି)

ଖ) ପରିବେଶ ପ୍ରଦୂଷଣ ଓ ସୁରକ୍ଷା

- a) ପରିବେଶ କଣ (ଆମ ଚାରିପଟ ରେ ଯାହା ସବୁ ରହିଛି, ପ୍ରାଚୀନ ସମୟର ପରିବେଶ ଓ ବର୍ତ୍ତମାନ ର ପରିବେଶ)
- b) ପ୍ରଦୂଷଣର ପ୍ରକାର (ବାୟୁ , ଜଳ , ଶବ୍ଦ)
- c) ପ୍ରଦୂଷଣର କାରଣ (କଳକାରଖାନା , କୃତ୍ରିମ ସାର, ଗାଡ଼ି ମଟରର ବ୍ୟବହାର)
- d) ନିରାକରଣ
- e) ଶେଷକଥା – ନିଜସ୍ବ ମତାମତ

ଗ) ବିଜ୍ଞାନ ଆଶୀର୍ବାଦ ନା ଅଭିଶାପ

- a) ବିଜ୍ଞାନ – ଯେକୌଣସି ବିଷୟରେ ସମ୍ୟକ ଭାବରେ ଜାଣିବା)
- b) ପ୍ରାଚୀନ ଯୁଗରୁ ଆଜି ପର୍ଯ୍ୟନ୍ତ ସଭ୍ୟତା ର ବିକାଶ
- c) ବିଜ୍ଞାନର ଉପକାରିତା
- d) ବିଜ୍ଞାନର ଅପକାରିତା
- e) ଶେଷକଥା (ନିଜସ୍ବ ମତାମତ)

ଘ) ଓଡ଼ିଶାର ପର୍ବପର୍ବାଣୀ

- a) ଓଡ଼ିଆ କ ଭଗବାନ ଜଗନ୍ନାଥ । ପର୍ବ ପର୍ବାଣି ଉତ୍କଳୀୟ ମାନବର ଧାର୍ମିକ ଚେତନାର ପରିଚୟ ଦିଏ ।
- b) ପର୍ବ ପାଳନର ଉଦ୍ଦେଶ୍ୟ
- c) ମୁଖ୍ୟ ପର୍ବ [ଗ୍ରୀଷ୍ମ – ଅକ୍ଷୟ ତୃତୀୟା , ନୃସିଂହ ଜନ୍ମ, ସାବିତ୍ରୀ ବ୍ରତ , ଶୀତଳ ଷଷ୍ଠୀ, ରଜ ପର୍ବ , ବର୍ଷା ରତ୍ନ – ଖୁସୁରୁକୁଣୀ , ରଥଯାତ୍ରା , ବଳଭଦ୍ର ଜନ୍ମ , ଜନ୍ମାଷ୍ଟମୀ, ଅନନ୍ତ ବ୍ରତ ,ଶରତ ରତ୍ନ – ଦୁର୍ଗା ପୂଜା , କାଳୀ ପୂଜା , ଦୀପାବଳି , ବାଲିଯାତ୍ରା , ଶୀତ ରତ୍ନ – ପ୍ରଥମାଷ୍ଟମୀ , ମାଣବସା , ଶାମ୍ବ ଦଶମୀ ,
- d) ସମାଜ ଉପରେ ଏହାର ପ୍ରଭାବ
- e) ଶେଷକଥା (ନିଜସ୍ବ ମତାମତ)

ଙ) ବନ ମହୋତ୍ସବ

- a) ପ୍ରାଚୀନ ସଭ୍ୟତା ରେ ବୃକ୍ଷ ପୂଜା
- b) ମାନବ ସଭ୍ୟତାର ସୁରକ୍ଷା କବଚ – ବୃକ୍ଷ
- c) ବନ ସୁରକ୍ଷିତ ନ ରହିଲେ ହେଉଥିବା ପ୍ରଭାବ
- d) ସରକାରୀ ପଦକ୍ଷେପ

- Write about 10 Mathematician (Indian and International) and paste their photos in your Maths lab activity copy.
- Revise chapter- 1, 2 and 4.
- Solve 15 MCQ questions of LOGICAL REASONING and MATHEMATICAL REASONING.

LOGICAL REASONING

- What is the number you started with?
(A) 5
(B) 45
(C) 56
(D) 25
- ?

↓

Multiply by 308

↓

Multiply by 0.10

↓

Divide by 3

↓

462
- Find out the wrong term in the given series.
24, 27, 31, 33, 36
(A) 24
(B) 27
 - Rohit is 40 m South-West of Aarav. Ansh is 40 m South-East of Aarav. Then Ansh is in which direction of Rohit?
(A) East
(B) West
(C) North-East
(D) South
 - Count the number of cubes in the given figure.
(A) 14
(B) 15
(C) 12
(D) 20



MATHEMATICAL REASONING

- 200 kg of sugar was purchased at the rate of ₹ 15 per kg and sold at a profit of 5%. Compute the selling price per kg.
(A) ₹ 18.25
(B) ₹ 13.85
(C) ₹ 15.75
(D) ₹ 31.50
- What is the area of trapezium QRST (in square units)?
(A) 22
(B) 27
(C) 38
(D) 48
- Which property is used in the equation given below?
 $12(x + 4) = 12x + 48$
(A) Associative Property of Addition
(B) Commutative Property of Addition
(C) Distributive Property
(D) None of these
- Simplify : $\frac{25 \times a^{-4}}{5^{-3} \times 10 \times a^{-8}}$
(A) $625a^{-4}$
(B) $\frac{625}{2}a^4$
(C) $\frac{625}{4}a^4$
(D) $25a^8$
- Three numbers are in the ratio 2 : 3 : 4. The sum of their cubes is 33957. Find the largest number.
(A) 28
(B) 21
(C) 32
(D) 14
- Find the value of x :
 $\frac{9x+7}{2} - \left[x - \left(\frac{x-2}{7} \right) \right] = 36$
(A) 9
(B) 18
(C) 5
(D) 4

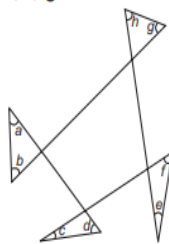
EVERYDAY MATHEMATICS

- Mohit is thinking of two numbers. Their greatest common factor is 6. Their least common multiple is 36. One of the numbers is 12. What is the other number?
(A) 18
(B) 16
(C) 6
(D) 24
- Ramu put a square fence around his vegetable garden to keep the deer away from eating his corn. One side was 10 m in length. If the posts were placed 2 m apart, then how many posts did he use?
(A) 16
(B) 20
(C) 10
(D) 15
- Find the number of coins, each of which are 1.5 cm in diameter and 0.2 cm thick, required to form a right circular cylinder of height 10 cm and diameter 4.5 cm.
(A) 450
(B) 250
(C) 350
(D) 400

ACHIEVERS SECTION

- Find the sum of a, b, c, d, e, f, g and h.

- (A) 720°
(B) 360°
(C) 540°
(D) 180°



- Study the statements and choose the correct option.

Statement - 1 : The square root of certain decimals are obtained by first changing the decimals into fractions with perfect squares as their numerators and denominators.

Statement - 2 : $(26.1)^2$ lies between 400 and 900.
(A) Statement-1 is true and statement-2 is false.
(B) Statement-1 is false and statement-2 is true.
(C) Both statements 1 and 2 are false.
(D) Both statements 1 and 2 are true.

- [1] Prepare a power point presentation of the chapter 1 CELL. (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.

1. What is the basic, functional and structural unit of life?
2. Which cell does not have nucleus?
3. What is the name of the organism which can be seen only with the help of microscope?
4. Amoeba and Paramecium belong to which category of organisms?
5. Which instrument is used to observe cells?
6. What do you mean by unicellular and multicellular organisms?
7. What would happen if animals have cell wall?
8. Why plant cells need cell walls?

Fill in the blanks with suitable word/s.

1. Cells are the _____ unit of all living organisms.
2. _____ cells are branched.
3. Amoeba has _____ shape.
4. The _____ cell transfers the messages.
5. _____ is a group of tissues.
6. Protoplasm is _____ inside the cell.
7. Eukaryotes cells have a well-developed _____.
8. The jelly-like substance found between the nucleus and the cell-membrane is _____.
9. Nucleus is separated from the cytoplasm by _____.
10. An _____ is a group of organs.
11. _____ are present in plant cells but in animal cells.
12. _____ is the process of making food in plants.
13. _____ is absent in animal cell.
14. The kitchen of plant cell is _____.
15. _____ is the power house of the cell.

SUBJECT – CHEMISTRY

1. Write the product of the following reactions
 - a) $\text{Al} + \text{O}_2 \rightarrow$
 - b) $\text{Na} + \text{H}_2\text{O} \rightarrow$
 - c) $\text{Ca} + \text{H}_2\text{SO}_4 \rightarrow$
 - d) $\text{Cu} + \text{AgNO}_3 \rightarrow$
 - e) $\text{MgSO}_4 + \text{Cu} \rightarrow$
2. What are the steps for extraction of metal from its ore?
3. Write 5 uses of metals and non-metals.
4. What is the nature (acidic/basic) of metallic oxide and non-metallic oxide? Illustrate with an activity.
5. What is alloy? Give 3 examples of alloy with its uses.
6. Why gold is known as noble metal? Name one other noble metal.

7. What is tensile strength? Name the non-metal which has highest tensile strength.
8. What are metalloids? Write 2 examples of metalloid.
9. Write the reactivity series of metal.
10. Complete the exercise (something to know) of chapter – metals and non-metals .

PHYSICS

1. You have studied about force and pressure and learnt that all changes occur due work done by force and pressure. Which forces or pressures are responsible for the following natural changes causing disaster :
 (a) Earthquake (b) High tide and low tide
 (c) lighting during thunderstorm
 (d) Cyclone (e)Tsunami (f) Trade winds
 (g) Formation of pressure belt (h) Flood (i) Volcanic eruption.
2. UP TO DATE THE CLASS WORK COPY.
3. Do the given worksheet in the Physics notebook.

WORKSHEET

Q1 If a man stands on chair, chances of its breaking are more but if a man sits on chair, chances of its breaking are less. Explain.

Q2 Why do dams have broad base?

Q3 Show that liquid at a given depths exerts equal pressure in all directions.

Q4 Why does the nose of a mountaineer bleed at high altitudes?

Q5. Why does an astronaut wear a special type of suit?

Q6. The pressure due to atmosphere is very large. Why are we not crushed?

Q7. A block of size 20 m x 10 m x 5 m exerts a force of 30 N. Calculate the maximum & minimum pressure exerted by block on ground?

Q8. Two thermocol balls held close to each other move away from each other. When they are released, name the force which might be responsible for this phenomenon. Explain.

Q9. An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.

Q10. Two rods: A and B, having same weight and equal length have different thickness. Rod A is thinner while Rod B is thicker. They are held vertically on the surface of sand. Which one of them will sink more? Why?

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| 7 | SST | <ol style="list-style-type: none"> 1. On an outline map of the world show any 10 National Parks and Wildlife Sanctuaries of India and also mention their states. 2. Prepare a poster in your HW copy on the topic “Save Water” OR “Save Trees.” 3. Describe all the Fundamental Rights with their Articles and paste one picture for each right. 4. Prepare a tabular chart about the arrival of Europeans to India in a chronological order with Year. (Ex- Portuguese, Dutch, English, Denis and French). 5. Write the list of UNESCO World Heritage Sites of India.(List of 37 sites of India) (History) 6. List out the 11 Fundamental Duties of Indian Constitution. |
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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