



GEETA DEVI DAV PUBLIC SCHOOL

BHANDARKOLA, SATAR ROAD, DEOGHAR

DEEPAWALI & CHHATH PUJA HOLIDAY HOME WORK-(2024-25)

Class: -VII

MATHS

(Class - VII)
Assignment.

Date: |

Page: |

1. Simplify:

(a) $ab(a^2 - b^2) + b^3(a - 2b)$

(b) $-6a^2(xy + 2y^2) - 3y^2(2x^2 + y^2)$

2. Find the area of a rectangle whose sides are $5y$ and $3y$.

3. Factorise the following expressions.

(a) $1 + x + xy + x^2y$.

(b) $a^2 + bc + ac + ab$

4. Find the sum of first 100 natural numbers.

5. Find the H.C.F of the following monomials.

(a) $2x^3y^2, 10x^2y^3, 14xy$.

(b) $x^3y^2, -8y^2$

Project.

1. Make an aest integrated project of multiplication of trinomial by trinomial with explanation in chart paper.

HOLIDAY HOMEWORK

(Kindly take a printout of this sheet and answer on the same)

Nelson's Final Sacrifice

It has been part of Nelson's prayer that the British fleet might be distinguished by humanity in the victory which he expected. Setting an example himself, he twice gave orders to cease firing upon the Redoubtable, supposing that she had struck because her great guns were silent ; for as she carried no flag, there was no means of instantly ascertaining the fact. From this ship, which he had thus twice spared, he received his death. A ball fired from her mizzen-top which, in the then situation of the two vessels was not more than fifteen yards from that part of the deck where he was standing, struck the epaulette on his left shoulder about a quarter after one, just in the heat of action. He fell upon his face on the spot which was covered with his poor secretary's blood. Hardy, who was a few steps from him turning round, saw three men raising him up. "They have done for me at last, Hardy !" said he. "I hope not !" cried Hardy. "Yes," he replied ; "my back-bone is shot through !" Yet even now not for a moment losing his presence of mind, he observed as they were carrying him down the ladder, that the tiller-ropes which had been shot away, were not yet replaced and ordered that new ones should be roped immediately. Then that he might not be seen by the crew, he took out his handkerchief and covered his face and his stars. Had he but concealed these badges of honour from the enemy, England perhaps would not have had cause to receive with sorrow the news of the battle of Trafalgar. The cockpit was crowded with wounded and dying men ; over whose bodies he was with some difficulty conveyed, and laid upon a pallet in the midshipmen's berth. It was soon perceived, upon examination, that the wound was mortal. This, however, was concealed from all, except Captain Hardy, the chaplain, and the medical attendants. He himself being certain, from the sensation in his back, and the gush of blood he felt momentarily within his breast, that no human care could avail him, insisted that the surgeon should leave him and attend to those to whom he might be useful.

Read the above passage and then answer the questions.

1. What is meant by 'supposing that she had struck'?

.....
.....
.....

2. How can Nelson be said to have been partly responsible for his own death?

.....
.....
.....

3. What do you understand by the 'mizzen-top'?

.....
.....
.....

4. Why did Nelson insist that the surgeon should leave him and attend to others?

.....
.....
.....

5. What qualities in Nelson's character are revealed by this passage?

.....
.....
.....

Past tense- Simple and Progressive

Fill in the blanks with the Past Simple or progressive tense form of the words given in brackets.

1. What _____ (you do) when the power _____ (go) out last night?
2. Why _____ (she look) so surprised when you _____ (tell) her the news?
3. When _____ (you start) learning to play the guitar?
4. Where _____ (they go) for their honeymoon last summer?
5. How _____ (you feel) when you _____ (hear) the unexpected announcement?
6. What _____ (he say) when he _____ (see) the final exam results?
7. While I _____ (study) for the exam, my friends _____ (watch) a movie.
8. How _____ (you react) when you _____ (find) out about the surprise party?
9. Where _____ (you spend) your last summer vacation?
10. What _____ (they talk) about when you _____ (enter) the room?
15. What _____ (she do) while her friends _____ (enjoy) the concert?
16. How _____ (you react) when you _____ (receive) the unexpected gift?
17. While you _____ (read) the book, what _____ (you discover) about the main character?
18. When _____ (he decide) to pursue a career in photography?
19. Why _____ (the children scream) when they _____ (see) the magician perform?
20. How _____ (you feel) after you _____ (complete) the challenging task?

SCIENCE

Physics

1. What is an electroscope? How does it work? Design a simple metal leaf electroscope. (Aluminium foil can be used for it)
2. Write down advantages and disadvantages of lightning.
3. Write down the function of odometers and speedometers fitted in automobiles.
4. Observe
5. moving objects around you and write type of motion they possess.

Chemistry

1. Write short notes on Acid rain Neutralisation reaction
2. Write formulae for Acidic salt, Basic salt & Neutral salt (5 each)
3. Write Activity 4 of Chapter 4 along with diagram.

Biology

1. Make a project work / model on Human Respiratory System
2. Write any 10 short internal questions from Chapter- Respiration in Organisms
3. Collect and paste any three unisexual flower and bisexual flower

HINDI

वर्ग- सप्तमविषयहिंदी

दत्तकार्य:-

1. 'अन्नदाता कृषक' से पाँचशब्दों को चुनकर उसके उपसर्ग और प्रत्यय अलग करें।
2. 'साहस को सलाम' पाठ में से भूतकाल, वर्तमानकाल एवं भविष्यत्काल वाले पाँच-पाँच वाक्य लिखें।
3. अपने पाठ्य-पुस्तक की किसी कहानी को संक्षिप्त रूप (100 शब्दों) में लिखें।
4. परियोजना कार्य* 'अन्न दाता कृषक' पाठ के आधार पर 10 पंक्तियाँ सुंदर अक्षरों में लिखें।

SANSKRIT

"यस्य बुद्धिः तस्य बलम्" शीर्षकस्य सचित्र वर्णनम्कुरुत । कवि, मति, वारि, नदी शब्द रूपाणां यच्छ, स्था धातु रूपाणां सुलेखनं स्मरणं च ।

SOCIAL SCIENCE

ASSIGNMENT

- 1) Write Keywords of Ch-5 and Ch-6.
- 2) Collect information about three Species of animals (also paste pictures) which are facing the danger of extinction.
- 3) On an outline map of India locate and label the following: -Bahamani Kingdom, Vijaynagar Empire, Raichur Doab, Calicut, Jodhpur, Bikaner
- 4) Draw the symbol of Bureau of Indian Standards and write the main features of consumerism.

PROJECT

- 1) Map Work of Ch-5 and Ch-6.
- 2) Prepare a photo album consisting of temples, forts, palaces and other historical buildings by different regional heads.
- 3) Prepare an advertisement for getting admission to your school giving all the silent features of the school.

