

केंद्रीय विद्यालय विजयनारायणम
शीतकालीन अवकाश गृहकार्य (2023-24)


कक्षा - 8

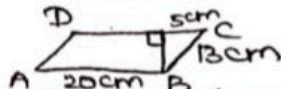
विषय - हिन्दी

1. एक पेज हैंडराइटिंग प्रतिदिन सुंदर अक्षरों में लिखना है
2. PT-2 के प्रश्न उत्तर को याद करना है
3. जहां पहिया है पाठ के प्रश्न उत्तर याद करना
4. अकबरी लोटा पाठ के प्रश्न उत्तर याद करना है
5. सूर के पद पाठ के प्रश्न उत्तर याद करना है
6. सुदामा चरित्र के पाठ के प्रश्न उत्तर को याद करना है

PM SHRI KENDRIYA VIDYALAYA, VIJAYANARAYANAM
MATHS HOLIDAY HOMEWORK - STD VIII

1. Subtract : $3x(x-4y+5z)$ from $4x(2x-y+10z)$
2. Simplify : $\left(\frac{4}{3}m - \frac{5}{4}n\right)^2 + 2mn$
3. Simplify : $(x+y)(2x-3y+z) - (2x-3y)z$
4. Simplify : $(a+b)(c-d) + (a-b)(c+d) + 2(ac+bd)$
5. Find the value of $(3^{-1} + 4^{-1} + 5^{-1})^0$
6. What number should 5^{-1} be multiplied so that the product may be equal to $(-7)^{-1}$?
7. Find x if $\left(\frac{8}{3}\right)^{2x+1} \times \left(\frac{8}{3}\right)^5 = \left(\frac{8}{3}\right)^{x+2}$
8. What number should $\left(\frac{5}{3}\right)^{-2}$ be multiplied so that the product may be $\left(\frac{7}{3}\right)^{-1}$?
9. If the diameter of the sun and the Earth are 1.4×10^9 m and 1.275×10^7 m. Compare the diameter of Sun and Earth.
10. Mass of Earth is 5.97×10^{24} kg and mass of moon is 7.35×10^{22} kg. What is the total mass?

11. Find the area of the shaded portion 

12. Find the area of the parallelogram 

13. A flooring tile has the shape of a parallelogram whose base is 24 cm and the corresponding height is 10 cm. How many such tiles are required to cover a floor of area 1080 m^2 ?

14. The shape of the top surface of a table is a trapezium. Find its area if its parallel sides are 1 m and 1.2 m and perpendicular distance between them is 0.8 m?

15. Top surface of a raised platform is in the shape of a regular octagon. Find the area of the octagonal surface.



PROJECT

1. Draw animals or birds using polygon art.

MULTIDISCIPLINARY PROJECT:

1. Causes of pollution and identify the major cause. (Make a analysed data)

WINTER BREAK HOLIDAY HOMEWORK

Class 8

SCIENCE

1. MDP

Write a detailed article on "**Effective flood management**" in A4 sheet.

Points to include - Introduction, reason for flood, safety measures before, during and after flood. News paper clippings of flood, shade the regions of flood prone areas in India outline map

2. PROJECT (any2)

- Collage on earthquake safety measures
- Chart work - Structure of human ear
- Poster making - Noise pollution
- Working model - Electroscope
- Working model - Earthquake detector

3. Homework

Complete this worksheet in your homework note.

I Choose the correct option.

i) Like charges

- (a) attract each other (b) repel each other
(c) no interaction takes place (d) none of these

ii) Earthquake of which magnitude of the following cause the maximum damage?

- (a) 3.0 (b) 8.0 (c) 5.0 (d) 4.0

iii) Lightning occurs due to

- (a) wind (b) rain (c) electric discharge (d) earthquake

iv) The magnitude of an earthquake is measured in

- (a) Kelvin scale (b) Celsius scale (c) Decibel scale (d) Richter scale

II Answer the following

- What are fault zones? Name the fault zones in India.
- What is a lightning conductor? How does it work?
- How does electric discharge occur in clouds?
- What are the measures we should adopt to protect against an earthquake?

4. Study timetable

26/12/23 - Sound

27/12/23 - Reproduction in animals

28/12/23 - Reaching the age of adolescence

29/12/23 - Chemical effects of electric current

30/12/23 - Some natural phenomenon

KENDRIYA VIDYALAYA VIJAY NARAYANAM

WINTER BREAK HOLIDAY HOME WORK

(2023-24)

CLASS-VIII A

In Holiday Home work Notebook write and learn the exercise solution of the lessons given below:

History:

1. When People Rebel 1857 and After
2. Civilizing the Native and Educating the Nation

Geography:

1. Industries.

Civics:

1. Understanding Marginalization

Map:

Mark and label the following in the outline map of India:

1. Delhi. 2. Meerut 3. Lucknow 4. Kanpur 5. Jhansi 6. Bareilly 7. Gonda 8. Banaras 9. Aligarh. 10 . Faizabad 11. Chennai 12. Mumbai

(Lesson -Industries, When the People Rebel and After)

MDP: Make a file about Our Freedom Fighter in First War of Independence 1857.

Learner Diary:

Prepare a Learner Diary based on above chapters.

केंद्रीय विद्यालय विजयनारायणम
शीतकालीन अवकाश गृहकार्य (2023-24)

कक्षा - 8

विषय - संस्कृत

1. संसार सागरस्य नायकः, सप्तभगिन्यः, नीति नवनीतं पाठ के प्रश्न उत्तर याद कीजिए
2. 5 पेज सुलेख लिखिए(Hand writing)
3. सावित्री बाई फुले , कःरक्षति कःरक्षितः पाठ पढ़िए(Reading)

WINTER BREAK HOLIDAY HOMEWORK

ARTIFICIAL INTELLIGENCE

Draw/Paste the pictures of SUSTAINABLE DEVELOPMENT GOALS(17 Goals) and write their names. Do it in AI activity note.



PM Shri Kendriya Vidyalaya Vijayanarayanam

Multi Disciplinary Project – Class 8

Theme : RAIN

English : Poetry Anthology

Compile a collection of poems related to rain. Write original poems exploring different emotions, scenes, or perspectives associated with rain. Analyze famous poems on rain and discuss their literary devices.

Hindi and Sanskrit : Story writing/Poetry writing

Write poems or stories about rain in both Hindi and Sanskrit. Explore classical Sanskrit literature that mentions the beauty of rain and its metaphors.

Math : Data Analysis

Collect and analyze rainfall data over a period. Create graphs and charts to show monthly or yearly rainfall patterns. Calculate averages and make predictions based on the data.

Science : Experimental study

Explore the water cycle, weather patterns, and the science behind rainfall. Write about simple experiments demonstrating condensation, precipitation, and evaporation.

Social : Research

Investigate the impact of rainfall on agriculture and communities. Explore how different cultures celebrate or perceive rain. Study the role of rain in historical events or civilizations.