

Date
26/04/22

Class-XII-B

HOLIDAY-HOMEWORK

1- Question-1 - Derivatives of Composite function (Chain Rule) -
Exercise - 5.2 (N.C.E.R.T)

2- Derivatives of implicit functions
Exercise - 5.3 (N.C.E.R.T)

3- Exponential and Logarithmic functions
Exercise - 5.4 (N.C.E.R.T)

4- Logarithmic Differentiation
Exercise - 5.5 (N.C.E.R.T)

5- Inverse Trigonometric function
Exercise - 5.6 (N.C.E.R.T)

6- N.C.E.R.T EXEMPLAR (Chain Rule - No of question - 40
→ Logarithmic function - No of question - 40
→ Inverse Trigonometric function - No of question - 40

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Class - XII B
Sub - Chemistry
Holiday Homework

- (1) What is Osmosis and Osmotic Pressure?
- (2) What do you mean by Van't Hoff's factor? Write its applications.
- (3) What are isotonic, hypertonic and hypotonic solution?
- (4) Explain abnormal molecular mass?
- (5) What is meant by positive and negative deviation from Raoult's law and how is the sign of $\Delta_{mix}H$ related to positive and negative deviations from Raoult's law?
- (6) Explain Azeotropic mixture?
- (7) Explain Ideal and Non-Ideal Solution?
- (8) Do all Exercise or Answers of solution chapter.

Project -

Topic - Transition Element, Inner transition Element and d-Block Element.

Explain it following properties -

- Electronic configuration
- Physical Properties.
- characteristics of p, d and f Block Element.

Arshad
27/04/22

KENDRIYA VIDYALAYA SINGRAULI (M.P.)
2022-23
SUMMER VACATION HOLIDAY H.W.

Class XII

Subject-English Core

Q1. Choose any 3 comprehension passages, attempt comprehension questions and do notes making and summary writing.

(Follow and stick to the format and the rules taught in the class.)

Q2. Read the newspaper daily and collect samples of the following.

a. Five Reports

b. Five Articles (ON DIFFERENT TOPICS)

c. Five Classified advertisements (different topics).

Q3. Write a letter to the Editor of a national daily highlighting the neglect of our national monuments and how these are being damaged in the present day world.

Q4. Write article (any 2) on the following topics' (150-200 words) ---

a) 'How Google controls the life of an average person?

b) Impact of advertisements on younger generation.

c) Causes of stress on modern generation

Q5. Learn and revise all the syllabus covered upto April 2022.



Holiday

class - XII B

Sub - BIOLOGY

HOME WORK

1. What is vegetative propagation? Give two suitable examples.
2. Which is a better mode of reproduction sexual or asexual why?
3. Define
 - a) Juvenile phase.
 - b) Reproductive phase.
 - c) Senescent phase.
4. Define external fertilisation. Mention its disadvantages.
5. Why is apple called a false fruit? Which part of the flower forms the fruit?
6. Draw a diagrammatic representation of L.S. of a flower.
7. Different between
 - a) hypocotyl and epicotyl.
 - b) coleoptile and coleorrhiza.

Deepak
26/04/22
Dobde Shriwastav

ग्रीष्मकालीन अवकाश हेतु


गृह कार्य

विषय- हिंदी

कक्षा -बारहवीं

सत्र 2022 -23

- 1-फीचर की परिभाषा लिखिए यह कितने प्रकार का होता है ?
- 2-कोई दो फीचर लिखिए।
- 3-फीचर और समाचार में क्या अंतर होता है ?
- 4-समाचार की परिभाषा और उसके तत्व लिखिए।
- 5-कहानी की परिभाषा और उसके तत्वों की व्याख्या कीजिए।
- 6-नाटक की परिभाषा लिखिए और उसके तत्वों की व्याख्या कीजिए।
- 7- एक औपचारिक और एक अनौपचारिक पत्र लिखिए।
- 8-निम्न बिंदुओं पर आलेख लिखिए -
 - i)बरसात की एक रात
 - ii)एक अविस्मरणीय यात्रा
- 9-अभी तक पढ़ाए गए पाठों को तैयार कीजिए


26/09/22

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Holiday homework

Class - XII B

Sub - Physics

Q.1 → Complete your CW/HW Notebook with split up of syllabus and Index.

Q.2 → Solve all NCERT exercise problems of chapter - 1

Q.3 → Derive expression for electric field intensity due to electric dipole (on axis & on equatorial point)

Q.4 → Derive expression for torque due to electric dipole.

Q.5 → Explain Gauss's law and its applications.

Q.6 → Solve all examples of NCERT textbook

Art Patil
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Assignment -1 (Summer Vacation HW)

Unit-I: Computational Thinking & Programming-2

Chapter-1: Revision of the basics of Python Language

1.	Consider a list $L = [10, 20, 30, 40]$, which of the following will result in an error:- a) $L[0] += 2$ b) $L += 2$ c) $L *= 2$ d) $L[1]. = 50$
2.	What will be the output of the following code:- <code>print((4 > 5) and (2 != 1) or (4 < 9))</code> a) $(4 > 5) (2 != 1) (4 < 9)$ b) $(4 > 5) \text{ and } (2 != 1) \text{ or } (4 < 9)$ c) True d) False
3.	Find the operator which cannot be used with a string in Python from the following:- a) in b) * c) // d) +
4.	Find the output of the following: <code>L1=[100, 900, 300, 400, 500]</code> <code>START=1</code> <code>SUM=0</code> <code>for C in range (START,4) :</code> <code> SUM=SUM+ L1[C]</code> <code> print (C, ":", SUM)</code> <code> SUM=SUM+L1[0]*10</code> <code>print (SUM)</code>
5.	Write the output of the following python program code: <code>L=[]</code> <code> L1=[]</code> <code> L2=[]</code> <code> for i in range (1, 10) :</code> <code> L. append (i)</code> <code> for i in range (10, 1, -2) :</code> <code> L1. append(i)</code> <code> for i in range (len (L1)) :</code> <code> L2. append (L1[i] + L[i])</code> <code> L2. append (len (L) - len (L1))</code> <code>print (L2)</code>
6.	Find the invalid identifier from the following a) MyName b) True c) 2ndName d) My_Name
7.	Given the lists $L=[1,3,6,82,5,7,11,92]$, write the output of <code>print(L[2:5])</code>
