

Kendriya Vidyalaya Thiruvannamalai

2021 – 22

Autumn Break Holiday HW

Class: 9

Sub: Physics

Assignment:

Solve the Mid term Exam question paper, with complete answers and submit the same on Google Classroom.

Question Paper will be posted on Google classroom after exam.

chemistry

1.write the following degrees Celsius into kelvin

a) -135°C b) 35°C c) 235°C

2.write the increasing order of intermolecular forces of oxygen,water and ice

3.write the mass percentage of water when 20g of NaCl is present in 120g of water

4. What is Tyndall effect?

BIOLOGY HOLIDAY HW

I. MULTIPLE CHOICE QUESTIONS.

1. Cell components are digested by?

- a) Vacuoles.
- b) Hydrolases
- c) Lysosomes
- d) Pepsin.

2. Fill in the blanks?

Mitochondria produces _____.

- a) ADPP, energy.
- b) ADP, phosphorylation.
- c) ADP, energy.
- d) ATP, phosphorylation.

3. The RER which are present in the ER is responsible for

- a) Glucose
- b) Detoxification of toxins
- c) Proteins synthesis.
- d) Lipid .

4. The cell wall is found in

- a) Algae.
- b) Mushroom.
- c) Mango tree.
- d) All of the above

5. Lack of nuclear membrane leads to the formation of?

- a) Plant cell
- b) Animal cell

c) Both plants animals cells.

d) Lactobacillus

II. ASSERTION AND REASONING.

A – Both A and R are true and R is the correct explanation of A.

B – Both A and R are true but R is NOT the correct explanation of A.

C – A is true but R is false.

D – A is false but R is true.

6. Assertion: The Plasma membrane is selectively permeable layer

Reason: It allows all the substances to pass through.

7. Assertion: All Plant cells are multicellular

Reason: It is based on the nature of the cell.

8. Assertion: Vacuoles play an role in osmosis.

Reason It regulates the flow of the substances .

9. Assertion: Human cell is an Eukaryotic cell.

Reason: The presence of Plasma membrane .

SUB-ENGLISH

1. You prepare a multi disciplinary project on learning English subject is nothing but learning history, civics and sociology. The word limit of this project is in 150 words. This project must include title page, introduction, analysis and conclusion. (3 pages of work excluding title page)
2. Write a PORTFOLIO on the chapter “The hundred dresses”. You ought to include in it the title, month in which it is covered, learning outcome, themes underlined in the chapter `.

शरदकालीन अवकाश गृहकार्य 2021- 22 Autumn Break HW

कक्षा :- नवीं IX विषय :- हिंदी (Hindi)

1. एक अर्धवार्षिक प्रश्नपत्र को हल करके उसे अपनी कॉपी में करना है।

2. प्रत्येक दिन एक पाठ को पढ़ना है और उसके प्रश्नोत्तर याद करने हैं।

3. नैतिकता विषय पर निबंध लिखिए।

4. व्याकरण:- समास , अलंकार और *वाक्य के 3 - 3 उदाहरण अपनी नोट्स में लिखकर याद करने हैं।*

SANSKRIT-Autumn break holidays homework

👉 पाठ 1 से 5 तक के शब्दार्थ लिखिए

👉 बालक शब्द के रूप लिखिए

👉 पाठ 1 से 5 तक के (एक पदेन) प्रश्न- उत्तर लिखिए

Holiday homework for class 9 Maths

1. Find the remainder when $x^3 - ax^2 + 6x - a$ is divided by $x - a$.
2. What is the value of $3\sqrt{3} + \sqrt{3}$?
3. Find the value of 105×106 without multiplying directly.
4. Simplify the following
 - (a) $(8 + \sqrt{5})(8 - \sqrt{5})$.
 - (b) $(10 + \sqrt{3})(6 + \sqrt{2})$.
 - (c) $(\sqrt{3} + \sqrt{11})^2 - (\sqrt{3} - \sqrt{11})^2$
5. Find the median of the given data: 7, 8, 7, 7, 9, 10, 13.
6. Find out the mean, median, mode of the following: 5, 4, 3, 5, 6, 6, 6, 5, 4, 5, 5, 3, 2, 1
7. Write the formulas of cube, cuboid, cylinder, cone, sphere. (Volume, TSA, CSA)
8. The sides of a triangular plot are in the ratio 3:5:7 and its perimeter is 300 m. Find its area.

Social science

1 To make a project on Sustainable Development.

2 Write an essay of 200 words about any one Indian freedom fighter.