केन्द्रीयः विद्याालयः क्रमांकः –5 कलिंगनगरम् ,भुवनेश्वरम्

शरदावकाशकालीन – संस्कृत –गृहकार्यम् 2022-23

कक्षा – नवमी   अनुभागः – अ तथा ब (A &B)

1) पठित –पाठानाम् अभ्यासः करणीयः शब्दार्थ –कण्ठस्थीकरणम् च
2) पठित –पाठस्थ – श्लोक – कण्ठस्थीकरणम्
3) स्वपरिचयलेखनम् –(In one A4 size paper)
    क) मम नाम ---------------
    ख) मम पितुः नाम -------------
    ग) मम मातुः नाम ----------
    घ) मम कक्षा -------- अनुभागः ------ अनुक्रमांकः ---------
    ङ) मम विद्यालयस्य नाम --------
    च) मम प्रियः विषयः --------
    छ) मम रूचिः -------
    ज) मम जीवनलक्ष्यम् – (अहं ------- भवितुम् इच्छामि ।)
    झ) मम शक्तिः – (My strength) ------------
    ञ) मम आदर्शः (प्रेरणास्रोतः) -----------
4) छात्र –दैनन्दिनी –लेखनम् --(In one A4 size paper)

क्रमसंख्या	पठित –पाठस्य नाम	पाठात् का शिक्षा लब्धा(क्या सीख मिली)	रोचकतथ्यम्(क्या अच्छा लगा)

5) एकम् अनुच्छेदलेखनम् / एकं चित्रवर्णनम् / एकं कथालेखनम् (In one A4 size paper)
6) अभ्यासपुस्तकतः व्याकरणकार्यस्य अभ्यासः

धन्यवादः । शुभा दशहरा । सर्वेषां सर्व शुभमस्तु ।

श्रीमती निरुपमा रथ प्र.स्ना.शि. (संस्कृतम्)

ENGLISH

Holiday homework for class 9

1. Your school organized a free eye camp for the students of your school during autumn break. Well known eye specialists were invited on this ocassion. Write a descriptive paragraph of this camp in about 100-150 words.
2. Read the passage and answer the questions that follow:

<p align="center">Australia's 2019-2020 Bushfire Season was not Normal</p>

Data from satellite sources assembled by the United Nations Environment Programme's (UNEP) World Environment Situation Room confirms that the wildfires in Australia in the last two months of 2019 and the first six weeks of 2020 were far from normal. 2019 was the second hottest year on record since 1880, and Australia recorded its warmest temperatures ever in December 2019.Rising temperatures continue to melt records. The past decade was the hottest on record. Scientists tell us that ocean temperatures are now rising at the equivalent of five Hiroshima bombs a second. One million species are in near-term danger of extinction. Our planet is burning," says United Nations Secretary-General António Guterres.

"The trend is very clear: 37 of the last 40 years were the warmest recorded since 1880, and the six warmest years recorded were the last six years," says Pascal Peduzzi, Director of UNEP's Global Resource Information Database in Geneva. "For those who think Australia is always burning, graphs clearly show that these fires were exceptional."This service, accessible via the UNEP's World Environment Situation Room, is provided for all countries at national and provincial levels. It identifies trends in wildfire activity since 2003, when the data first became available and monitoring began. We have sliced and diced the satellite-based data on wildfires worldwide from 2009 to the present day. We analyse the wildfires' data by month, type of land cover, protected area, province and nation to produce information products," Peduzzi adds. (Source: UN Environment)

Choose the correct option to answer the questions based on the above passage and graphics. Do any ten.

(a) What do the reports confirm about the 2019-20 Australian fires?

(i) the fires were not normal

(ii) the fires were normal

(iii) the fires were natural

(iv) data inconclusive

(b) What was the difference in the recorded temperatures in 2019 from the 1880s?

(i) 2019 recorded the wettest temperatures since 1880s

(ii) 2019 recorded the hottest temperatures ever

(iii) 2019 recorded the cooler temperatures than 1880s

(iv) 2019 recorded the warmest temperatures since 1880s

(c) What comparison has been made between the rising sea temperatures and Hiroshima?

(i) ocean temperatures are rising at the equivalent of three Hiroshima bombs a second

(ii) ocean temperatures are rising at the equivalent of five Hiroshima bombs a second

(iii) ocean temperatures are rising at the equivalent of five Hiroshima bombs an hour

(iv) none of these

(d) Choose the option that lists the CORRECT answers for the following:

"Rising temperatures continue to melt records. The past decade was the hottest on record. Scientists tell us that ocean temperatures are now rising at the equivalent of five Hiroshima bombs a second". Whose statement is this?

"The trend is very clear: 37 of the last 40 years were the warmest recorded since 1880, and the six warmest years recorded were the last six years." Whose statement is this?

(i) (1) is from United Nations Secretary and (2) is from the UN President

(ii) (1) is from the UN President and (2) is from the UN General Secretary

(iii) (1) is from United Nations Secretary and (2) is from the Director of UNEP

(iv) (1) is from the UN General Secretary and (2) is from the UN President

(e) Based on your understanding of the passage, choose the option that lists the inherent qualities of climate in the present times.

(i) 1 and 3

(ii) 2 and 6

(iii) 3 and 4

(iv) 5 and 6

(f) Which of the following independent data source is NOT PRESENT in the given graph?

(i) NASA

(ii) NOAA

(iii) ISRO

(iv) JMA

(g) Choose the option that lists the CORRECT statement.

(i) Pascal Peduzzi is the Director of UNEP's Global Renaissance Information Database

(ii) Pascal Peduzzi is the Director of UNO's Global Resource Information Database

(iii) Pascal Peduzzi is the Manager of UNEP's Global Resource Information Database

(iv) Pascal Peduzzi is the Director of UNEP's Global Resource Information Database

(h) How can you say that the UN is concerned about the rising numbers of coal plants?

(i) UNDP Secretary General António Guterres is calling for curbs on new plants

(ii) UN Secretary General António Guterres is calling for curbs on new plants

(iii) UN Executive Secretary António Guterres is calling for curbs on new plants

(iv) UN Secretary General Antony Guterres is calling for curbs on new plants

(i) UNEP's World Environment Situation Room has been tracking the world temperatures since.

(i) 2003

(ii) 2013

(iii) 2000

(iv) 2001

(j) The graph compiled with data from four different sources shows that the global surface temperatures have been _.

(i) steady

(ii) falling

(iii) on the rise

(iv) none of these

(k) Which word in the passage means the same as "collect"?

(i) assembled

(ii) extinction

(iii) exceptional

(iv) provincial

(I) Which word in the passage is opposite to the meaning of 'vague/murky'?

(i) assembled

(ii) clear

(iii) extinction

(iv) provincial

3.Fill in the blanks with the appropriate modal.

Mohan is not keeping well nowadays. He (a) ……………….. see the doctor immediately. He

(b) ……………….. get well unless he visits a doctor. He (c) ……………….. be suffering from viral fever. He (d) ……………….. take proper medicine and rest lest he (e) ……………….. fall seriously ill. It (f) ……………….. affect not only his health but studies also.

HOLIDAY HOMEWORK

Class-IX   SST

1- Complete your project work- Disaster Management and submit on dt-13.10.22

   (Those who have not submitted yet. It is compulsory for internal marks)

2- On World map locate all the countries of Allied powers and Axis power

   (Paste it in homework copy)

3-Write the textual question answers for all completed chapters in Homework copy and submit on dt-13.10.22

4-Write an Article on Non-Violence day

   (on ¼th chart paper with pictures)

अवकाश गृहकार्य––कक्षा: नौवीं,विषय: हिंदी

1. दिए गए बिंदुओं के आधार पर लगभग 120 शब्दों में अनुच्छेद रचना कीजिए।

जीवन में पुस्तकों का महत्त्व

विचार बिंदु : *मनुष्य की सबसे अच्छी मित्र * ज्ञान का साधन * कुछ प्रमुख पुस्तकें

2. योग और प्राणायम के लाभ बताते हुए अपने मित्र को एक पत्र लिखिए।

3. अलंकार का नाम लिखिए।

क. निर्धन के धन–सी तुम आईं।

ख. मुदित महीपति मंदिर आए

   सेवक सचिव सुमंत बुलाए।

ग. काली घटा का घमंड घटा ।

घ. हरि पद कोमल कमल- से ।

च. मधुर मधुर मुस्कान मनोहर, मनुज वेश का उजियाला ।

4. मूल शब्द और उपसर्ग अलग कीजिए।

कुमति, अनर्थ, अहिंसा, पराधीन, स्वदेश, सुगम, संगति, सुपुत्र, दुर्बल, उपयोग।

5. मूल शब्द और प्रत्यय अलग कीजिए।

कृपालु, धनवान, भारतीय, धार्मिक, ज़हरीला, गरीबी, ईमानदारी, मिलावट, मरियल, सजावट्।

6. सालिम अली का चित्र लगाकर उनके जीवन और योगदान (life and contribution) पर एक परियोजना तैयार कीजिए।

HOLIDAY HOMEWORK

CLASS: IX   SUBJECT : MATHEMATICS

1. Write all the properties of a parallelogram.
2. Prove that in a parallelogram opposite sides are equal.
3. Prove that diagonal of a parallelogram divide it into two congruent triangles.
4. Show that in a parallelogram diagonal bisect each other.
5. Write all the properties of a rectangle.
6. Prove that diagonals of a rectangle are equal in measure.
7. The angles of a quadrilateral are in ratio 3:5:9:13. Find the angles
8. In a parallelogram if diagonals are equal, then prove that it is a rectangle.

HOLIDAY HOMEWORK
CLASS: IX   SUBJECT : SCIENCE

BIOLOGY

1. Explain the structure and function of the following cell organelles

a. Mitochondria

b. Golgi Apparatus

c. Nucleus

2. Differentiate between meristematic tissue and permanent tissue.

3. Compare between three different types of muscles in a tabular form

4. Draw the labelled diagram of

a. A typical plant cell

b. A typical animal cell

c. A neuron

PHYSICS

1   What happens to the force between two objects, if

(i) the mass of one object is doubled?

(ii) the distance between the objects is doubled and tripled?

(iii) the masses of both objects are doubled?

2 What is the acceleration of free fall?

3 . Amit buys few grams of gold at the poles as per the instruction of one of his friends. He hands over the same when he meets him at the equator. Will the friend agree with the weight of gold bought? If not, why? [Hint: The value of g is greater at the poles than at the equator.]

4 Why will a sheet of paper fall slower than one that is crumpled into a ball?

5 Gravitational force on the surface of the moon is only 1/6 as strong as gravitational force on the earth. What is the weight in newtons of a 10 kg object on the moon and on the earth?

6   A ball is thrown vertically upwards with a velocity of 49 m/s. Calculate

(i) the maximum height to which it rises,

(ii) the total time it takes to return to the surface of the earth.

7. A stone is released from the top of a tower of height 19.6 m.Calculate its final velocity just before touching the ground.

8 . A stone is thrown vertically upward with an initial velocity of 40 m/s. Taking g = 10 m/s2, find the maximum height reached by the stone. What is the net displacement and the total distance covered by the stone?

9 . Calculate the force of gravitation between the earth and the Sun, given that the mass of the earth = 6×10^{24} kg and of the Sun = 2×10^{30} kg. The average distance between the two is 1.5×10^{11} m.

10 A stone is allowed to fall from the top of a tower 100 m high and at the same time another stone is projected vertically upwards from the ground with a velocity of 25 m/s. Calculate when and where the two stones will meet.

11 A ball thrown up vertically returns to the thrower after 6 s. Find
(a) the velocity with which it was thrown up,
(b) the maximum height it reaches, and
(c) its position after 4 s.