HIMALAYA INTERNATIONAL SCHOOL

(2023-24)

SUMMER HOLIDAYS HOMEWORK

CLASS - 8th

English:-

1. Write an e-mail to your uncle sharing your excitement about participating in a Skit on G-20 Summit 2023 held in your school, detailing about the role of India.

2. Use the given words in sentences to clarify their meanings. Consider seeing a dictionary for their meanings, if required.

a. Summit

b. Accelerate

c. Multi-lateral

d. Resilient

3. Write a diary entry expressing your feelings on the contribution women can make globally in the field of digital education and technology.

4. Write a letter to your friend highlighting the importance of hard work on the basis of the poem "The Ant and the Cricket".

5. Jody brought the fawn home. Justify his action by sketching Jody's character in the light of the incidents that took place in the story "This is Jody's Fawn".

Hindi:-

प्रश्न 1 जी 20 शिखर सम्मेलन की स्थापना की आवश्यकता क्यों पड़ी? विस्तार से लिखें।

प्रश्न 2 जी 20 के सदस्य देशों के समक्ष कौन कौन सी चुनौतियाँ हैं?

प्रश्न 3 वैश्वीकरण के चलते संस्कृतियों के आदान प्रदान का प्रभाव हमारे खाने की थाली के अलावा और किन किन चीजों पर पड़ा है? व्याख्या कीजिए।

प्रश्न 4 साहित्य भाग का पाठ 1,2 के प्रश्न उत्तर अच्छे से याद करें तथा उनके अभ्यास कार्यपुस्तक में ही पूर्ण करें।

प्रश्न 5 'जियो जियो ऐ हिंदुस्तान' कविता देशभक्ति की भावना पैदा करती है। इस कविता का सारांश अपने शब्दों में लिखें।

नोट:-हिंदी के गृहकार्य के लिए एक पतली कॉपी बना ले।

Mathematics:-

I The G20 or Group of 20 is an intergovernmental forum comprising 19 countries and the European Union. It works to address major issues related to the global economy, such as international financial stability, climate change mitigation, and sustainable development. Write the distance of any 5 G20 countries from India in Scientific Notation.

II The Group of Twenty (G20) is the premier forum for international economic cooperation. The G20 Logo draws inspiration from the vibrant colours of India's national flag – saffron, white and green, and blue. The Earth reflects India's pro-planet approach to life, one in perfect harmony with nature. Life ties closely with India's G20 motto 'Vasudhaiva Kutumbakam' and theme "One Earth One Family One Future". Draw any 5 3D flags of G20 countries using different shapes.

III

ASSIGNMENT

CH – RATIONAL NUMBERS

EXPONENTS AND POWERS

UNDERSTANDING QUADRILATERALS

VISUALISING SOLID SHAPES

Q.1 Express -23 as a rational number with numerator 4.

Q.2 Arrange the following rational numbers in ascending order:

$\quad$ 8-15 , -310 , -1320 , 17-30

Q.3 What number should be subtracted from 35 to get 53?

Q.4 Simplify: -35 (2512+54)

Q.5 Use the distributive property to evaluate:

$\quad$ 625 X 37 + 47 X 625

Q.6 Divide the sum of 311 and 25 by their product.

Q.7 Find three rational numbers between 23 and 3.

Q.8 Write the following numbers in the usual form:

$\quad$ a) 7.54 X 10-6 $\quad$ b) 5.2 X 109

Q.9 Find the value of m, if $(-5)^{m+1}$ X $(-5)^6$ = $(-1)^9$ $(5)^9$

Q.10 Prove that: $25 \times 2x-45-2 \times 10x-6 = 125x2$

Q.11 By what number should $[(-53)3]-3$ be multiplied to obtain $(-35)4$?

Q.12 Simplify: $15x5y-2z45x3y-3z2$

Q.13 Find the number of sides of a regular polygon whose each exterior angle has a measure of 45°.

Q.14 The four angles of a quadrilateral are in the ratio 1 : 2 : 4 : 5. What is the measure of each angle?

Q.15 The measures of the angles of a pentagon are $(x - 5)°$, $(x - 6)°$, $x°$ and $(2x - 7)°$ and $(2x - 2)°$. Find the value of x.

Q.16 The ratio of two sides of a parallelogram is 3:5 and its perimeter is 96 cm. Find the sides of the parallelogram.

Q.17 Find the value of x:

Q.18 In the adjoining figure, find $x + y + z + w$

Q.19 A polyhedron has 8 faces and 12 edges. How many vertices does the polyhedron have?

Q.20 Write down the number of edges of each of the following figures:

   a) Rectangular Pyramid   b) Triangular Prism   c) Tetrahedron

PS :- The whole work should be done in separate notebook.

Please write this in Maths holiday home work at end.

Science:-

Q.1 India has set the theme of S20 for 2023 is Disruptive science for innovation and sustainable development during its G-20 presidency. The S20 inception meeting would promote and encourage fruitful scientific dialogue among the G20 member nations providing constructive solutions for problems such as climate change, healthcare and making science an integral part of society and culture.

a) What technology innovation improved farming in India?

b) How did hybridisation an innovation in the field of agriculture help farmers?

c) What do you understand by sustainable energy?

Q2 Draw a labelled diagram of gold-leaf electro scope. Describe how will you use it to detect a charge and find the nature of the charge.

Q3 Suppose you are going in a jet plane, and one of the windows breaks due to an accident. What problems do you think you will face?

Social Science :-

Q1 Case study based questions

India holds the Presidency of the G20 from 1 December 2022 to 30 November 2023. The theme of India's G20 Presidency is - "Vasudhaiva Kutumbakam" or "One Earth One Family One Future".The G20 Presidency steers the G20 agenda for one year and hosts the Summit. The G20 consists of two parallel tracks: the Finance Track and the Sherpa Track. Finance Ministers and Central Bank Governors lead the Finance Track while Sherpa's lead the Sherpa Track.

Q (i) Who represents India at the G20 Summit?

Q (ii) What is the official language of the G20 Summit?

Q (iii) The G20 consists of how many continents?

Q (iv) Which country hosted the first-ever virtual G20 Summit in 2020?

Q2 Assertion/Reasoning MCQs

Directions – In the given question, there are two statements marked as Assertion (A) and Reason (R). Read the statement and choose the correct code.

Codes

(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.

(I)Assertion (A) The G20 Summit is held annually with a rotating presidency and in 2023, India will hold the presidency.

   Reason (R)

   (ii)Assertion (A) India is assuming the Presidency of the G20 for one year.

    Reason (R) Brazil will host 19th G20 summit in 2024.

Q3 Match the following.

List-I	List-II
A. Largest G20 investor in India	1.Varansi

B. Shaktikanta Das   2. Annually

C. Third edition of G20 Framework   3. U.K

D. G20 Summit held   4. G20 Development Track

Codes

	A	B	C	D
(a)	3	4	1	2
(b)	1	2	3	4
(c)	4	3	2	1
(d)	2	3	4	1

Q4 Locate G20 members countries in physical map of India with their national currency.

Note:- Do this work on A4 sheets.

Sanskrit:-

जगतः बृहत्तमस्य प्रमुख समूहस्य 'विंशति समूहस्य (G-20) इत्येतरस्य अध्यक्षतां भारतं निर्वक्ष्यति ।

पर्धानमन्त्री भारतस्य विंशति समूहस्य संबुद्धस्य अध्यक्षतयाः प्रतीक चह्नस्य विषयस्य अन्तर्जालफलकस्य च अनावरण कृतवान्

विंशति समूहस्य अन्तर्जालफलकस्य www.G20.in इति अस्ति।

एत्त प्रतीक चिह्नविषयमाध्मेन अस्माभि सन्देश दतः यत् युद्धमुक्ते बुद्धान्बुद्धतमांश्चैव हिंसा प्रतिरोधे महात्मागान्धिसमाधानानि विंशति समूहस्य इत्येत माध्मेन भारतं तेषां वैश्विकपर्तिष्ठायै नववर्षा ददाति।

(क)- भारतं कस्य अध्यक्षतां निर्वक्ष्यति?

(ख)- विंशति समूहस्य अन्तर्जालफलकस्य कः अस्ति?

(ग)- प्रतीक चिह्नविषयस्य माध्मेन अस्माकं देशस्य प्रधानमन्त्री कः सन्देश ददाति?

प्रश्न 2- प्रतीक चिह्नस्य (लोगो) चित्रवर्णनम् पञ्चवाक्येषु कुरुत।

प्रश्न 3- प्रमुख विंशति समूहस्य (G-20) ध्यये वाक्य किम् अस्ति?

प्रश्न 4- हिन्दियः संस्कृते अनुवादक कुरुतः-

1- सूर्य एक है।

2- प्रतीक चिहन् मे कौन से रंग है।

3-20 का समूह कन्या है।

4- भारत का प्रधानमंत्री कौन है।

5- राम 20 के समूह का उपदेश देता है।

Computer:-

Q.1 "Troika" refers to the top grouping within the G20 summit that consists of the current, previous and the upcoming presidencies. Design a PowerPoint Presentation depicting the Troika of G20 Summit along with their flag.

Art:-

The following work you have to do in your Art book.

Collage

Tattoo Art

Temporary Tattoo

Permanent Tattoo

You have to draw a poster on the topic

One Earth One Family One Future

on A-3 size pastel sheet .