Deep public school Holiday Homework Class-VIII

English

Q1. Pepare a poster on '' A heritage walk through the mysore place. conduct an online research about the place and find out interesting details

Q2.Prencess September play conveys feelings of apology for keeping the burd in the cage. Find out different expression To express Apologies. using these expressions of apology frame 5 different sentences.

Q3.Write a paragraph in about 150- 200 words on the topic- ''Lockdown Took away all the freedom from our lives'' Q3.Revise the periodic test-1 syllabus.

MATHS

Project Work - A: - To make a project on Aryabhata great Indian mathematician and his discoveries.

Project must consist of

a. Life history
b. Main interest
c. Discoveries
d. Notable works and explanation

Project will be assessed on the following parameters:-

a. Presentation
b. Neatness
c. Content
d. Submission on time.

Project Work - B: - Write laws of exponents on A3 size sheet using examples. Collect information of different planets and express in scientific notation.

a. Distance between earth and moon, distance between earth and sun.
b. Mass of all planets

1. Which one of the following is the negative rational number?

   (a) $\dfrac{-5}{-6}$
   (b) $-\left(\dfrac{-8}{9}\right)$
   (c) $\dfrac{4}{-7}$
   (d) $\dfrac{3}{4}$

2. What is the additive inverse of $\dfrac{5}{-14}$?

   (a) $\dfrac{-14}{5}$
   (b) $\dfrac{-5}{14}$
   (c) $\dfrac{14}{5}$
   (d) $\dfrac{+5}{14}$

3. What is the multiple inverse of $+\dfrac{6}{17}$?

   (a) $\dfrac{17}{6}$
   (b) $\dfrac{-6}{17}$
   (c) $\dfrac{-16}{7}$
   (d) $\dfrac{+16}{7}$

4. The product of a rational number and its reciprocal is always:

   (a) 0
   (b) 1
   (c) the rational number itself
   (d) none of these

5. Between two rational numbers, there exists _____ rational numbers.

   (a) one
   (b) two
   (c) ten
   (d) infinite

6. The numerical value of a rational number irrespective of its sign is called its:

   (a) additive inverse
   (b) multiplicative inverse
   (c) absolute value
   (d) reciprocal

7. Which of the following represents the multiplicative identity of rational number?

   (a) $x + 1 = x$
   (b) $x \times 0 = 0$
   (c) $x + x = 1$
   (d) $x \times 1 = x$

8. If we add a rational number to its additive inverse, then we will get:

   (a) zero
   (b) 1
   (c) -1
   (d) the rational number itself

9. The expression $x \times y = y \times x$ represents the following property of rational numbers:

   (a) additive identity
   (b) multiplicative identity
   (c) commutative property of multiplication
   (d) associative property of multiplication

10. All rational numbers are closed under:

    (a) addition and multiplication only
    (b) subtraction and division only
    (c) addition, subtraction, multiplication, and division
    (d) none of the these

1. Simplify: $\left(\dfrac{10}{19}\right)^{-2}$

2. Simplify: $\dfrac{(10)^4}{(1,000)^2}$

3. Find the value of $(50)^{-1} \div (50)^{-2}$.

4. Evaluate: $(11)^{\frac{3}{4}} \div (11)^{\frac{-1}{4}}$

5. Find m if $\left[\left(\dfrac{2}{13}\right)^{-1}\right]^m = \left(\dfrac{2}{13}\right)^m \div \left(\dfrac{2}{13}\right)^3$.

6. Simplify: $\left(8^2 \times 5^4\right)^{\frac{1}{2}}$

7. Evaluate: $\left(2^4\right)^{\frac{3}{4}} + \left(3^1\right)^{\frac{2}{3}}$

8. Find the value of $\left[\left(\dfrac{13}{27}\right)^{-1}\right]^{\frac{2}{3}}$.

9. Find x if $x^3 \div x^4 = -\dfrac{125}{216}$.

10. The number of bacteria in certain culture is 49,60,00,00,000. Write this in standard form.

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1. Simplify: $\dfrac{35\,m^2 \times (y)^{\frac{4}{7}}}{(7)^2 \times 5 \times m^{\frac{1}{2}} \times y^{\frac{2}{7}}}$.

2. Find the value of $(512)^{\frac{-2}{9}} + (729)^{\frac{-1}{6}} - 10$.

3. Write in simplified exponential form: $\sqrt{x^{-1}y} \times \sqrt{y^{-1}z} \times \sqrt{z^{-1}x}$

1. In the expression $(a)^r$, a represents:

   (a) base   (b) exponent   (c) radical   (d) none of these

2. In the expression $(x)^m$, m represents:

   (a) base   (b) exponent   (c) radical   (d) none of these

3. What is the value of $(-2)^3$?

   (a) -6 (b) 8 (c) 6 (d) -8

4. What is the value of $\left(\frac{4}{7}\right)^3 \times \left(\frac{4}{7}\right)^3$?

   (a) $\left(\frac{4}{7}\right)^6$ (b) 1 (c) 0 (d) $\left(\frac{4}{7}\right)^3$

5. What is the value of $(5 \times 3)^2$?

   (a) $(15)^2$ (b) $\frac{1}{(15)^{-2}}$ (c) $\frac{1}{225}$ (d) -2

6. Find the value of $(6^0 \times 5^0) + (8^0 + 3^0)$.

   (a) 6 (b) $\frac{11}{5}$ (c) 0 (d) $\frac{1}{2}$

7. If $\left(\frac{-3}{4}\right)^x = \left(\frac{-3}{4}\right)^{12}$, then x equals to:

   (a) 4 (b) -4 (c) -3 (d) 3

8. The value of $\sqrt{5}$ is same as:

   (a) $(5)^{\frac{1}{2}}$ (b) $\frac{1}{\sqrt{5}}$ (c) $(5)^2$ (d) 1

9. What is the value of 29,75,200 in standard form?

   (a) $29,752 \times 10^2$ (b) 0.2975200 (c) 2.9752×10^6 (d) 2.9752×10^7

10. What is the value of 0.00507 in standard form?

    (a) 507×10^7 (b) 0.0507×10^2 (c) 5.07×10^3 (d) 5.07×10^{-3}

Science

I   Complete the project work which assigns as per the Roll No
1. Prepare an electric tester to check the conductivity of Metals and Non metals (1-7)
2. Make a model of Solar system or different constellations seen in the sky (8-12)
3. Prepare a chart on different Hormones secreted by Endocrine glands. (13-24)
4. Explain working of Wind Mill. (25-40)

II   Design a chart on the significance of 5R's in reducing pollution
Or
Prepare chart on River/Marine Pollution and its Prevention

III   Prepare a working model **(any one)**
Biogas Plant
Working model of Human Heart
Astronomical Telescope
Working model of cotton candy machine
Water level indicator
Water rocket

SOCIAL SCIENCE

Q1).Make a Preamble on a chart :

Very Short Answer Type Questions

Q2) When did Warren Hastings introduced Ijaradari System?

Q3) Where was Ryotwari system introduced by Thomas Munro?

Q4) Who collected the revenue in the Mahalwari System?

Q5) Indigo production was organized under which two systems?

Q6) Name the play written by Dinabandu Mitra on the plight of Indigo farmers in Bengalble

Q7) Paste pictures of Governor Generals of British India.

Q8)Write slogan on the theme water conservation

Q9)Complete all your pending work

Q10) Learn for the period test

General Knowledge

Read the newspaper Delhi to enhance your knowledge .Write some discoveries ,inventions or achievements in different sectors per week.

Make a Collage on nobel prize winners and different prize winners in all sectors

Computer Science

Q1. Identify a social problem and how it can be solved with the help of technology already in use or yet to be developed. Write it on A3 size sheet with suitable pics.

Q2. Research about holography and its application. Write it on A3 size sheet with suitable pics.

Hindi

प्रश्न 1 - करोना के कारण अनेक लोग शहरों से वापस आपने गाँव चले गए हैं, वहाँ रोजगार के अवसर कम होने के कारण उनका जीवन और कठिन हो गया है। जीवन को सरल बनाने के लिए आप उन्हें कोई मार्ग सुझाएँ।

प्रश्न 2- TLM बनाइए तथा किन्ही विलोम शब्दों 20को दर्शाइए।

प्रश्न 3- रंगीन शीट का प्रयोग करते हुए पर्यायवाची शब्दों की 20 किन्ही)) पुस्तिका बनाइए जिसमे एक चित्र तथा उससे संबंधित शब्द लिखिए। 5

प्रश्न 5- निम्नलिखित पाँच अनुच्छेदों को स्वयं हल करने का प्रयास करें।

1. प्रदूषण की समस्या
2. वृक्ष और हम
3. ग्लोबल वार्मिंगं के खतरे
4. मेरे जीवन का लक्ष्य
5. भारत की राजधानी दिल्ली

प्रश्न 7 - निम्नलिखित विषयों पर पत्र लिखिए।

1. निरंतर बढ़ रही वाहन चोरी की घटनाओं पर अंकुश लगाने हेतु पुलिस अधीक्षक को पत्र लिखिए।
2. बस कंडक्टर के यात्रियों के साथ दुर्व्यवहार की शिकायत करते हुए परिवहन विभाग के मुख्य प्रबंधक को पत्र लिखिए।
3. आपका छोटा भाई कुसंगति में पड़ गया है। आप उसे बुरी संगत से दूर रहने की प्रेरणा देते हुए एक पत्र लिखिए।
4. अपनी छोटी बहन को फैशन से दूर रहने और पढ़ाई में मन लगाने के लिए पत्र लिखिए।

नोट - दिए गए कार्य को एक अलग कॉपी में करें।

Sanskrit

ग्रीष्म कालीन अवकाश हेतु गृहकार्य २०२२-२३

कक्षा-VIII

विषय- संस्कृत

प्र०1 1 से 50 तक की गिनतियाँ संस्कृत में लिखिए।

प्र०2 'विद्यालयम्' विषय पर संस्कृत में पाँच वाक्य लिखिए।

प्र०3 निम्नलिखित के रूप लिखिए -

i. शब्दरूपाणि   अस्मद् सर्वनाम शब्द:

ii. धातु रूपाणि   खाद् (खाना)

लट् लकार: (वर्तमान काल:)

लृट् लकार: (भविष्यत् काल:)

लङ् लकार: (अतीतकाल:)

लोट् लकार (अनुज्ञा/आदेश)

समस्त कार्य अपनी अभ्यास पुस्तिका में कीजिए।