

RAWAL INTERNATIONAL SCHOOL

HOLIDAY HOMEWORK ASSIGNMENT

CLASS : X (2021)

General Instructions:

1. Do your holiday homework on A4 size ruled sheets.
2. Use separate sheets for each subject.
3. Write your name, class, section, roll no., subject and name of subject teacher on each subject assignment sheet.
4. Do your work neat and clean.
5. Submit pdf on class email Id. Keep hard copy of the assignment with you.

ENGLISH

1. Answer the following question in 20-30 words. (5)
 - a) Why was Lencho's soul filled with sadness?
 - b) What does courage mean to Mandela?
 - c) How did the 'little extras' between the meals affect Tricki?
 - d) Why did Hari Singh find Anil's occupation a queer one?
 - e) What brought about a transformation in the poet's mood?(Dust of Snow)
2. Answer the following questions in 40-50 words. (5)
 - a) Why did the postmaster send only 70 pesos to Lencho?
 - b) What did Mandela pledge when he was sworn in?
 - c) Why was Dr. Herriot tempted to keep Tricki as a permanent guest?
 - d) Why did Hari Singh decide to go back to Anil?
 - e) What are the symbolic meanings of 'fire' and 'ice' in the poem Fire and Ice?
3. Write a letter to the editor of a local daily highlighting the importance of Yoga and exercise in life. You are Raman/ Rama of G-653, Vinod Nagar, Faridabad. (100-120 words) (2)
4. Answer the following questions in 100-120 words. (3)
 - a) How did Mandela's hunger for freedom change his life?
 - b) "Excess of everything is bad". Discuss the truth of this statement with reference to Mrs. Pumphrey's love for Tricki?
 - c) How did the postmaster react on Lencho's letter? What did he do to help him? What was Lencho's reaction on receiving the money?
5. Fill in the blanks with correct form of verb. (2)
 - a) Have you ever (see) such a beautiful scene.

- b) He scratched his head and (think) for a moment.
- c) The new railway bridge (complete) two weeks ago.
- d) Annie and her brother (Study) in the same school.

6. Fill in the blanks with suitable determiners.

(3)

- a) Varanasi is holy place.
- b) Yesterday European visitor came to our school.
- c) you have..... friends in other section?
- d) My sister is M.A, B.Ed.
- e) Annie and her brothers at school.
- f) The members of the jury divided in their opinion.
- g) How money do you need?
- h) Can I borrow..... sugar?
- i)man that we saw turned out to be a thief.
- j) There is not space for others.
- k) people who migrated here died in the floods.
- l) I would like..... cup of coffee.
- m) Do you have rice left?
- n) I have..... Relatives.
- o) People were injured that night.

8 . **Activity** : Make a chart of TENSES in A3 size sheet.

(5)

HINDI

1. निम्नलिखित प्रश्नों के उत्तर दीजिए –

(12)

- क. मास्टर मोतीलाल मूर्ति पर चश्मा क्यों नहीं लगा सका होगा ? 'नेताजी का चश्मा' पाठ के आधार पर उत्तर दीजिए ।
- ख. भगत की पतोहू की इच्छा क्या थी ? क्या उसकी यह इच्छा पूरी हो सकी ?
- ग. मोह और प्रेम में अंतर होता है । भगत के जीवन की किस घटना के आधार पर इस कथन का सच सिद्ध करेंगे ?
- घ. कृष्ण के प्रति अपने अनन्य प्रेम को गोपियों ने किस प्रकार प्रकट किया है? 'पद' के आधार पर उत्तर दीजिए ।
- ङ. बादल को बच्चों की कल्पना के समान क्यों कहा गया है? 'उत्साह' कविता के आधार पर उत्तर दीजिए ।
- च. फागुन माह का पेड़ पौधों पर क्या असर पड़ता है? 'अट नहीं रही है' कविता के आधार पर उत्तर दीजिए ।

2. निम्नलिखित वाक्यों के वाक्य भेद लिखिए -

(1.5)

क. शिकारी ने कबूतर को देखा और बाण चला दिया ।

ख. जैसे ही प्रधानाचार्य जी आए, बच्चे शांत हो गए ।

ग. मैं प्लेटफार्म पर खड़ा रेल गाड़ी का इंतजार कर रहा था ।

3. निर्देशानुसार वाक्य परिवर्तन कीजिए -

(1.5)

क. नानी ने बच्चों को कहानी सुनाई । (कर्मवाच्य में बदलिये)

ख. रात भर यहां कैसे सोएंगे ? (भावाच्य में बदलिये)

ग. सफाईकर्मियों द्वारा विद्यालय की सफाई की गई । (कर्तृवाच्य में बदलिये)

4. निम्नलिखित वाक्यों में रेखांकित अंशों का पद परिचय दीजिए -

(2)

क. मनोहर साइकिल से विद्यालय जाता है ।

ख. यह उपहार समीना के लिए है ।

ग. हम चार भाई हैं ।

घ. ईमानदार व्यक्ति लालची नहीं होते हैं ।

5. क. श्रृंगार तथा रौद्र रस के स्थायी भाव लिखिए ।

(3)

ख. विनु गोपाल बैरन भई कुंजें ।

तब ये लता लगत अति शीतल, अब भई विषम ज्वाल की पुंजें । पंक्तियों में रस पहचान कर लिखिए ।

ग. बूढ़ा बोला - वीर रस मुझसे पढ़ा न जाए और कहीं दाँतों का सेट ही नीचे ना खो जाए । पंक्तियों में रस पहचान कर लिखिए ।

Activity : अपनी हिंदी की पाठ्य पुस्तकों में से किन्हीं पांच लेखकों / कवियों के जीवन तथा साहित्यिक परिचय

लिखिए ।

(5)

MATHS

1. Find the distance of a point P(x,y) from the origin.

(2)

2. What type of triangle is formed by the points A(-5,6), B(-4,-2) and C(7,5)?

(2)

3. In what ratio does the x-axis divide the line segment joining the points (-4,-6) and (-1,7)?

(2)

4. If $\cot \theta = \frac{12}{5}$, then find the value of $\operatorname{cosec} \theta (\sin \theta + \cos \theta)$. (2)
5. If $\sin A + \sin^2 A = 1$, then find the value of $\cos^2 A + \cos^4 A$. (2)
6. Points P and Q trisect the line segment joining the points A(-2,0) and B(0,8) such that P is nearer to A. Find the coordinates of the points P and Q. (2).
7. Find the ratio in which the line $2x + 3y - 5 = 0$ divides the line segment joining the points (8,-9) and (2,1). (2)
8. Find $\tan 60^\circ$ geometrically. (2)
9. If $\tan A = \frac{4}{5}$, find the value of $\frac{2 \sin A - 3 \cos A}{4 \sin A - 9 \cos A}$. (2)
10. If $a \cos \theta - b \sin \theta = c$, prove that $a \sin \theta + b \cos \theta = \pm \sqrt{a^2 + b^2 - c^2}$. (2)

Activity : Prepare a project report on Trigonometry on A4 size sheets. (5)

SCIENCE

- Q1. What is an oxidation reaction? (1)
- Q2. Why does lack of oxygen in muscles often lead to cramps? (1)
- Q3. Define the term electrical resistivity of a material. (1)
- Q4. 2gm of ferrous sulphate crystals are heated in a dry boiling tube .
(a) list any two observations .
(b) Name the type of chemical reaction taking place. Write balanced chemical equation for the reaction and name the products formed. (2)
- Q5. What is rancidity. What are the methods to prevent rancidity? (2)
- Q6. Write the functions of the following in the human alimentary canal. (3)
(a) Saliva. (b) Bile juice. (c) HCL in stomach.
- Q7. (a) Resistance of a metal wire of length 5m is 100 ohm. If the area of cross section of the wire is 3×10^{-8} metre square. Calculate the resistivity of the metal.
(b) What is the commercial unit of electrical energy. (2)
- Q8 (a) Define excretion. (1)
(b) Name the basic filtration unit present in the kidney. (1)
(c) Draw excretory system in human beings and label the following organs of excretory system which perform the following functions. (1)
(i) Form urine (1)
(ii) Is a long tube which collects urine from kidney
(iii) store urine until it is passed out. (1)

- Q9 (a) State ohm's law. Write its mathematical expression. (1)
- (b) Derive the formula of equivalent resistance for three resistances connected in series.(1)
- (c) Which one has more resistance
- 100 watt bulb or 60 watt bulb, both operating at 220 volt. (1)

ACTIVITY : On an A4 size paper/pastel sheet available at home, make a list of any five food items that are used to improve immunity of the body to fight against diseases. Explain how they boost the immune system. (5)

SOCIAL SCIENCE

1. What do you mean by community government? (1)
2. What do you mean by BMI ? How is it calculated? (1)
3. What do you mean by Net Attendance Ratio? (1)
4. What are the moral and prudential reasons of power sharing? (2)
5. Differentiate between organised and unorganised sector? (2)
6. Explain the classification of countries according to World Bank. (2)
7. What makes India a federal country? (3)
8. What do you mean by federalism? What are its features? (4)

Or

What do you mean by Decentralisation? Explain the powers of local government before and after Decentralisation.

9. Differentiate between public and private sector. What is the role of public sector in National Development. (4)

PROJECT WORK (5)

1. Every student has to compulsorily undertake any one project on the following topics:

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

2. **Objective:** The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students. Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report.If required, students may go out for collecting data and use

different primary and secondary resources to prepare the project. If possible, various forms of art may be integrated in the project work.

3. All documents pertaining to assessment under this activity should be meticulously maintained by concerned schools.

4.. A Summary Report should be prepared highlighting:

- objectives realized through individual work and group interactions;
- calendar of activities
- innovative ideas generated in the process ;
- list of questions asked in viva voce.

5. The Project Report should be handwritten by the students themselves