

## KENDRIYA VIDYALAYA NO 5, BBSR

### HOLIDAY HOMEWORK (2022-23)

Class- X

SUBJECT- MATHS

Q1. COMPLETE ALL THE ACTIVITIES AS DISCUSSED IN THE CLASS\_

- a) To draw a graph of a quadratic polynomial equation and examine that: -The shape of the curve when the coefficient of  $X^2$  is negative-The shape of the curve when the coefficient of  $X^2$  is positive -Number of zeroes .
- b) For an arithmetic progression having  $n$  terms, establishing a formula for calculating its sum.
- c) To verify the Thales theorem, that is, the basic proportionality theorem.
- d) From a given list of numbers or patterns, identifying the Arithmetic Progression.

Q2. Learn all the Trigonometric ratios and values of their values.

Q3. SOLVE ALL THE EXAMPLES. (TRIANGLE, CIRCLE, TRIGONOMETRY)

Q4. Learn all the formulas and apply them in chapters.

SOLVE THESE 2 QUESTIONS-

Q1. The shadow of a tower standing on level ground is found to be 40 m longer when the Sun's altitude is  $30^\circ$  than when it is  $60^\circ$ . Find the height of the tower.

**Q2. The angle of elevation of the top of a tower from a certain point is  $30^\circ$ . If the observer moves 20 metres towards the tower, the angle of elevation of the top increases by  $15^\circ$ . Find the height of the tower.**

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**HOLIDAY HOMEWORK (2022-23)**

**Class- X**

**SUBJECT- SST**

Q1. Write textual question answers for all completed chapters in homework copies (Submit on dt-13.10.22)

Q2. Subject Project work on (any one) social issues, or Consumer right or Sustainable development on dt-13.10.22. (Those who have not submitted yet. It is compulsory for internal marks)

Q3. On outline map of India (on two maps), locate important INC sessions and places of National Movement and Multipurpose River project Dams.

Q4. Make a painting of any freedom struggle movement of India.

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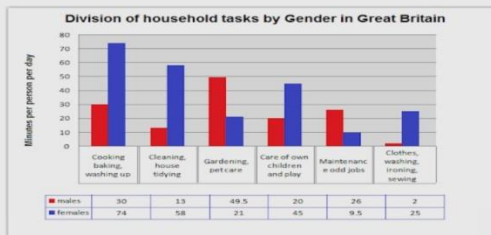
## HOLIDAY HOMEWORK (2022-23)

Class- X

SUBJECT- HISTORY

Q1. You recently visited an important historical monument. You were shocked to find it in a state of utter neglect. Taking help from unit, 'Travel and Tourism', the clues given below and with your own ideas write a letter to the editor of a leading newspaper highlighting the poor condition of important archaeological and heritage 'sites'. Point out the lack of essential services, the poor state of maintenance and its misuse by people. Give suggestions for improving the situation.

**Example Question 2: The chart shows the division of household tasks by gender in Great Britain. Write an analytical paragraph describing the chart given in not more than 200 words.**



Dolphins and killer whales has learned elaborate routine [Error: \_\_\_\_\_; Correction: \_\_\_\_\_]

to entertain aquarium audiences. They are thought by men to being even more scientifically (a)

[Error: \_\_\_\_\_; Correction: \_\_\_\_\_;] intelligent than me. In scientific (b) [Error: \_\_\_\_\_;

Correction: \_\_\_\_\_ ;] experiments they had showed great (c) [Error: \_\_\_\_\_; Correction:

\_\_\_\_\_;]skill for distinguishing between objects. (d) [Error: \_\_\_\_\_; Correction:

\_\_\_\_\_;]



अवकाश गृहकार्य-- कक्षा: दसवीं, विषय: हिंदी

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

हमारे त्यौहार और उनका महत्त्व

विचार बिंदु:

\*कुछ प्रमुख त्यौहार

\*मनाने के कारण

\*संदेश प्राप्ति

2. आपके क्षेत्र के पार्क में कूड़े का अंबार लगा हुआ है। इसकी सफाई और समुचित रख-रखाव की व्यवस्था के लिए नगर निगम के आयुक्त को एक पत्र लिखिए।

3. रेखांकित पदों का व्याकरणिक परिचय दीजिए।

मारिशस की स्वच्छता देखकर मेरा मन प्रसन्न हो गया।

4. निर्देशानुसार वाच्य परिवर्तन कीजिए।

क. मछली पानी में तैरती है। (भाववाच्य)

ख. बालिका केला खाती है। (कर्मवाच्य)

ग. तुम फूल तोड़ोगे (कर्मवाच्य)

घ. दर्द के कारण उससे चला नहीं जाता (कर्तृवाच्य)

च. आओ यहाँ बैठें। (भाववाच्य)

5. रेखांकित में उपवाक्य का नाम लिखें।

क. जो कक्षा में प्रथम आया है, वह मेरा भाई है।

ख. अध्यापक ने कहा कि सब कापियाँ दें।

ग. जब तुम आओगे तभी मैं जाऊँगा।

घ. तुम आ जाना फिर साथ-साथ चलेंगे।

6. 'राम - लक्ष्मण-परशुराम संवाद' पाठ के आधार पर एक संवाद रचना कीजिए और पोर्ट फोलियो में रखें। यह एक पेज से अधिक न हो।

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**HOLIDAY HOMEWORK (2022-23)**

**Class- X**

**SUBJECT- SCIENCE**

Q1. Find power ratings of any 5 electrical appliances. Which one of them is consuming more current?

Q2. Locate in the map of India the occurrence of metallic ores.

Q3. Represent the bonding in any 5 ionic compounds.

Q4. How sex selective abortion can be prevented?

Q5. Why STD's can prove to be hazardous?