

KENDRIYA VIDYALAYA SECL DHANPURI

SUMMER VACATION

HOLIDAY HOMEWORK

CLASS 10TH

GEOGRAPHY:

CHAPTER: 1- RESOURCES AND DEVELOPMENT

I. Answer the following questions:

1. What is a Resource?
2. What is Sustainable Development?
3. Classification of resources:

On the basis of origin

On the basis of exhaustibility

On the basis of ownership

On the basis of status of development

ECONOMICS

CHAPTER 1- DEVELOPMENT

1. What is National Income?
2. What is meant by Per capita income?
3. What is Human Development?
4. What is Human Development Index?
5. What is meant by Economic Growth and Economic Development?
6. Expand UNDP, WDR, IMR, NAR, PDS and HDI.
7. What is Infant Mortality Rate?
8. What is Literacy rate?
9. What is Net Attendance Ratio

B. Literacy rate

HISTORY

1. Briefly explain Greek war of Independence.

Greek under Ottoman Empire

Growth of Nationalism sparked the struggle.

Got support from Western Europeans

Poets and artists lauded Greece

Finally with Treaty of Constantinople Greece became independent.

2. 1830's is called the year of Economic hardship.

Increase in population in Europe,

Unemployment among people.

Small producer in town faced competition.

Rise in food prices led to poverty.

3. What were the measures taken by French revolutionaries to forge a sense of collective identity?

Through the ideas of "la patrie and le citiyon

New tricolor

4. How was the history of nationalism in Britain unlike the rest of Europe?

POLITICAL SCIENCE

1. Make a Manuscript and on a leaf Write the preamble of Indian constitution .

KV SECL DHANPURI

SUMMER VACATION HOMEWORK (2021-22)

SUBJECT ENGLISH

CLASS - X

Q.1. Write an article expressing your views on positive side of Online Classes.

Q.2. Write and learn all the question answers of the chapter which have been discussed yet.

Q 3. Write a letter to The Editor of an English Daily about your views on the opening of schools amid COVID-19 epidemic.

Q 4. Prepare a project file on your favourite poet, write his bio-sketch, major works and achievements and also write the central idea of one of his poems.

Q.5. Make a weekly diary entry. (5 Entries)

Q.6 Collect the following information regarding Nagaland State.

1. When did it come in existence?

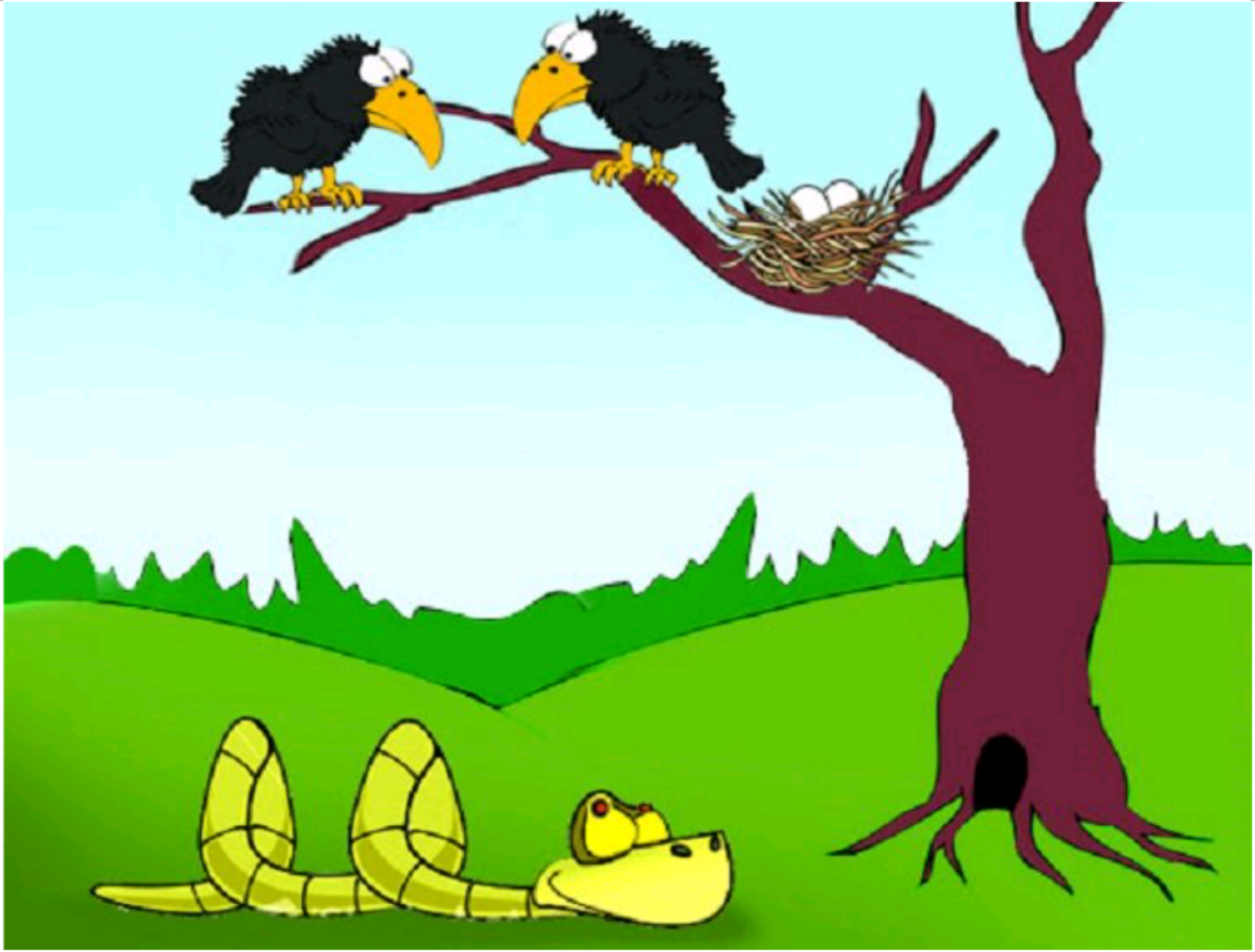
2. Name some important festivals of Nagaland.

3. Name some famous sports persons of Nagaland.

4. Write about flora and fauna of Nagaland (100 words)

5. Natural resources of Nagaland (100 words)

Q.7 Write story on the following visual inputs.



Q 8. Solve Pisa Based Questions (CCT ASSIGNMENT) For English (next page).

PRINT READING UNIT-6

Tall Buildings

“Tall buildings” is an article from a Norwegian magazine published in 2006.

Figure 1: Tall buildings of the world

Figure 1 shows the number of buildings of at least 30 storeys that have been built, or are under construction this includes buildings that have been proposed since January 2001.

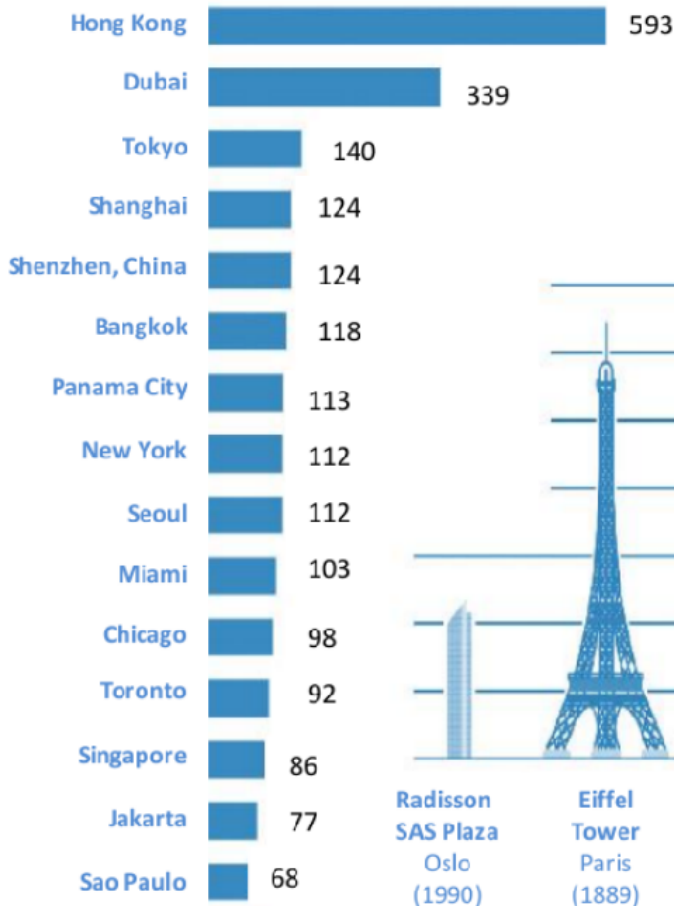
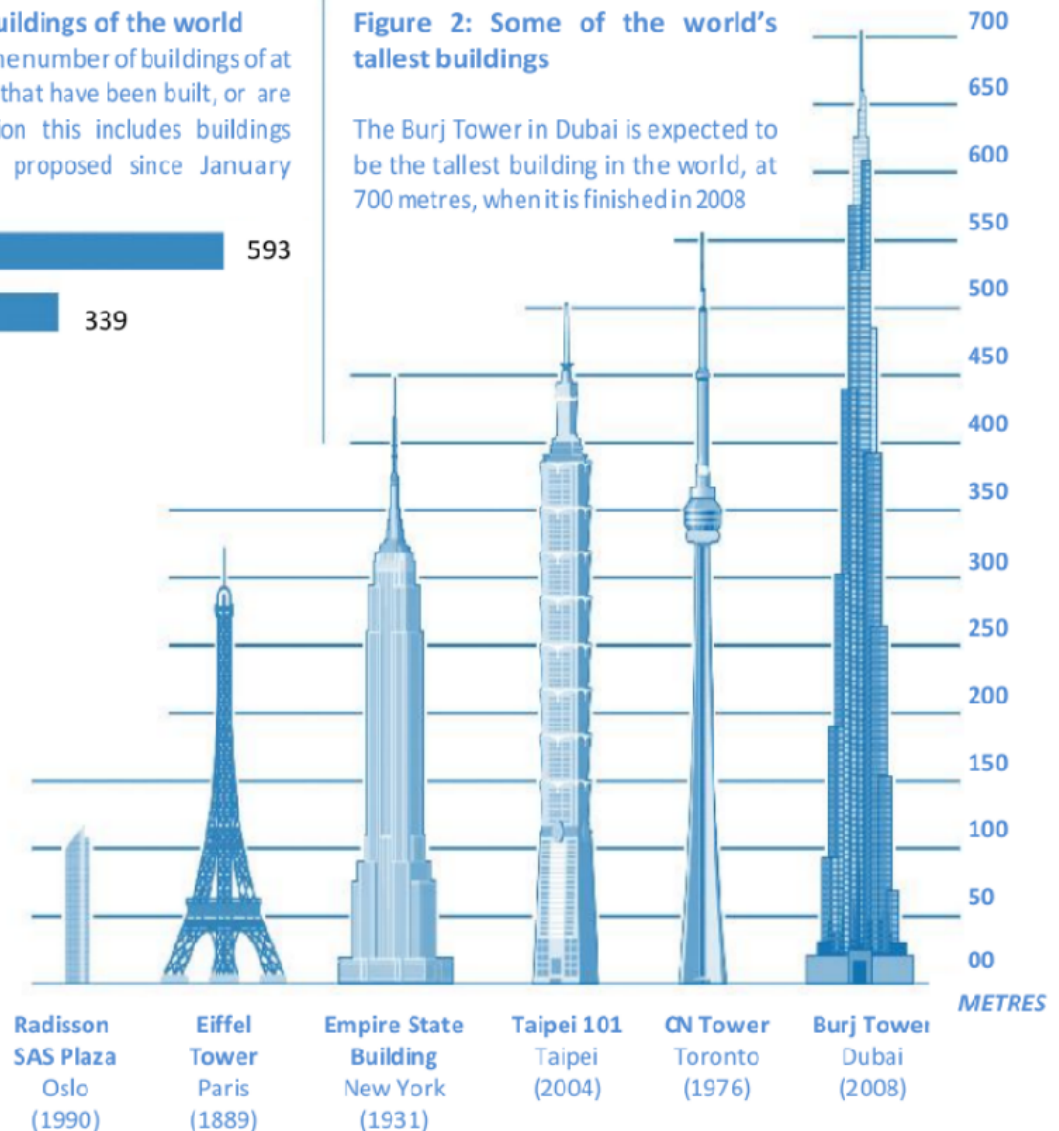


Figure 2: Some of the world's tallest buildings

The Burj Tower in Dubai is expected to be the tallest building in the world, at 700 metres, when it is finished in 2008



This text juxtaposes two figures that are loosely related in terms of their content. Both figures are about tall buildings in the world: Figure 1 shows the number of tall buildings in various cities, proposed or already built, while Figure 2 shows some of the world's tallest buildings. Both Figure 1 and Figure 2 are graphs. Although each figure is introduced by a small piece of explanatory prose, the substantive information of this text is given in the two figures, making the overall text format non-continuous. The text type is description, while the situation of this text is educational, since it appeared in a magazine for students. The piece begins with a brief introduction explaining its context, both in terms of time (the piece was published in 2006) and place (the magazine is Norwegian). One of the reasons why this unit was not chosen for inclusion in the main survey was because of concerns about the ephemeral nature of the material: as more and more tall buildings are built in the world, the material will very quickly become out-dated.

QUESTION 1: Tall Buildings

When the magazine article was PUBLISHED, which of the BUILDINGS in FIGURE 2 was the tallest completed BUILDING?

Framework Characteristics

Situation	Educational
Medium	Print
Text format	Non-continuous
Text type	Exposition
Aspect	Access and retrieve: Retrieve information
Question intent	Locate information that is explicitly stated in a graph
Item format	Closed constructed response

QUESTION 2: Tall Buildings

What kind of information does FIGURE 1 provide?

- A. A comparison of the heights of different BUILDINGS.
- B. The total NUMBER of BUILDINGS in different cities.
- C. The NUMBER of BUILDINGS above a certain height in VARIOUS cities.
- D. Information ABOUT styles of BUILDINGS in different cities.

Framework Characteristics

Situation	Educational
Medium	Print
Text format	Non-continuous
Text type	Exposition
Aspect	Integrate and interpret: Form a broad understanding
Question intent	Generalise about the type of information presented in a graph
Item format	Multiple choice

QUESTION 3: Tall Buildings

The Radisson SAS Plaza in Oslo, Norway is only 117 meters tall. Why has it been INCLUDED in FIGURE 2?

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Framework Characteristics

Situation	Educational
Medium	Print
Text format	Non-continuous
Text type	Exposition
Aspect	Reflect and evaluate: Reflect on and evaluate the content of a text
Question intent	Recognise the influence of reader's perspective on the way a text is constructed
Item format	Multiple choice

QUESTION 4: Tall Buildings

SUPPOSE that information ABOUT tall BUILDINGS was presented again in an article like this in twenty years' time.

Listed below are two FEATURES of the original article. Show whether or not these FEATURES are likely to change in twenty years' time, by circling either "Yes" or "No" in the table below.

Feature of Article	Is it likely to change in twenty years?
The title of Figure 2.	Yes / No
The numbers of buildings shown in Figure 1.	Yes / No

Framework Characteristics

Situation	Educational
Medium	Print
Text format	Non-continuous
Text type	Exposition
Aspect	Reflect and evaluate: Reflect on and evaluate the content of a text
Question intent	Distinguish between structural features and content of a set of graphs
Item format	Complex multiple choice

KENDRIYA VIDYALAYA , SECL DHANPURI

SUMMER VACATION HOLIDAY HOME WORK -2021-22

CLASS- X B

SUBJECT-SCIENCE

- 1) Why are decomposition reactions called opposite of combination reaction? Explain. Write equations for these reactions.
- 2) Revise Chapter-1 and Chapter-6.
- 3) What is the difference between displacement and double displacement reaction? . Write equations for these reactions.
- 4) What are the different ways in which glucose is oxidised to provide energy in various organisms?
- 5) What is the normal range of haemoglobin content in human body? Is it the same for children and adults?
- 6) Mention the causes, symptoms, mode of spreading and prophylactic measures to stop the spread of COVID-19.
- 7) If cells of onion peel and RBC are separately kept in hypotonic solution, what among the following will take place? Explain the reason for your answer.
 - (a) Both the cells will swell.
 - (b) RBC will burst easily while cells of onion peel will resist the bursting to some extent.
 - (c) a and b both are correct.
 - (d) RBC and onion peel cells will behave similarly. **(PISA BASED)**
- 8) Explain with the help of example
 - a) Combination reaction.
 - b) Decomposition reaction.
 - c) Displacement reaction.
 - d) Double displacement reaction.
 - e) Oxidation and Reduction reaction.
 - f) Exothermic reaction and Endothermic reaction.

9) Explain the following terms-

a) Corrosion.

b) Rancidity.

SUMMER VACATIONS HOMEWORK

CLASS - Xth , SUBJECT - MATHS

Q.01- The decimal expansion of rational number $\frac{43}{2453}$ will terminate after how many places of decimals.

Q.02- Find the largest number that will divide 398 , 436 , 542 leaving remainder 7 , 11 , 15.

Q.03- LCM and HCF of two numbers are 9 and 459 , if one number is 27 , then find the other number.

Q.04- Find HCF of 865 and 255 by Euclid's division lemma.

Q.05- Find the largest number which divides 70 and 125 leaving remainder 5 and 8.

Q.06- Find the LCM of 96 and 360 by Prime Factorisation method.

Q.07- Prove that $\sqrt{5}$ is an irrational number.

Q.08- Prove that following are irrational numbers

I) $\frac{2}{\sqrt{3}}$

II) $3+\sqrt{5}$

III) $2+3\sqrt{5}$

IV) $\sqrt{5}-\sqrt{2}$

Q.09- Explain why $(17 \times 5 \times 11 \times 3 \times 2 + 2 + 11)$ is a composite number.

Q.10- Can two numbers have 15 as their HCF and 175 as their LCM ? Give reason for your answer.

Q.11- Three alarm clocks ring at intervals of 4 , 12 , 20 minutes. If they start ringing together , after how much time will they start next ring together.

Q.12- If sum of zeros of quadric polynomial is $(3x^2-kx+6)$ is (3) , then find the value of k .

Q.13- If α and β are the zeros of polynomial ax^2+bx+c , then find the value of α^2 and β^2 .

Q.14- Find the quadratic polynomial whose zeros are as follows

I) -4 and -5

II) $3+\sqrt{2}$ and $3-\sqrt{2}$

Q.15- Find the zeros of quadratic polynomial $\sqrt{3}x^2-8x+4\sqrt{3}$.

Q.16- Verify that 2 , 3 , $\frac{1}{2}$ are the zeros of the polynomial $p(x) = 2x^3-11x^2+17x-6$,

Q.17- Complete chapter 2nd.

Q.18- Revise chapter 1st and chapter 2nd.

कक्षा -10 संस्कृत

- 1- पढ़ाए गए पाठों का पुनरावृत्ति करना है
- 2- पढ़ाए गए पाठों के प्रश्न उत्तर कॉपी में पूर्ण रूप से लिखना है
- 3- 1 से 100 तक की गणना संस्कृत में लिखना है
- 4- 5 पेज सुलेख संस्कृत में लिखना है
- 5- बुद्धि बलवती सदा पाठ का सारांश हिंदी में लिखना है!

केन्द्रीय विद्यालय एस.ई.सी.एल. धनपुरी
ग्रीष्मकालीन अवकाश गृह कार्य
कक्षा-10 (सत्र 2021-22)
विषय: हिंदी

प्रश्न-1 'रस' पर 12 से 15 पेज की एक फाइल तैयार करें।
सहायक बिंदु: रस का बिंदु, रस के अंग, सभी भेद उदारहण सहित