

STEPHENS

INTERNATIONAL PUBLIC SCHOOL



Holidays' Homework

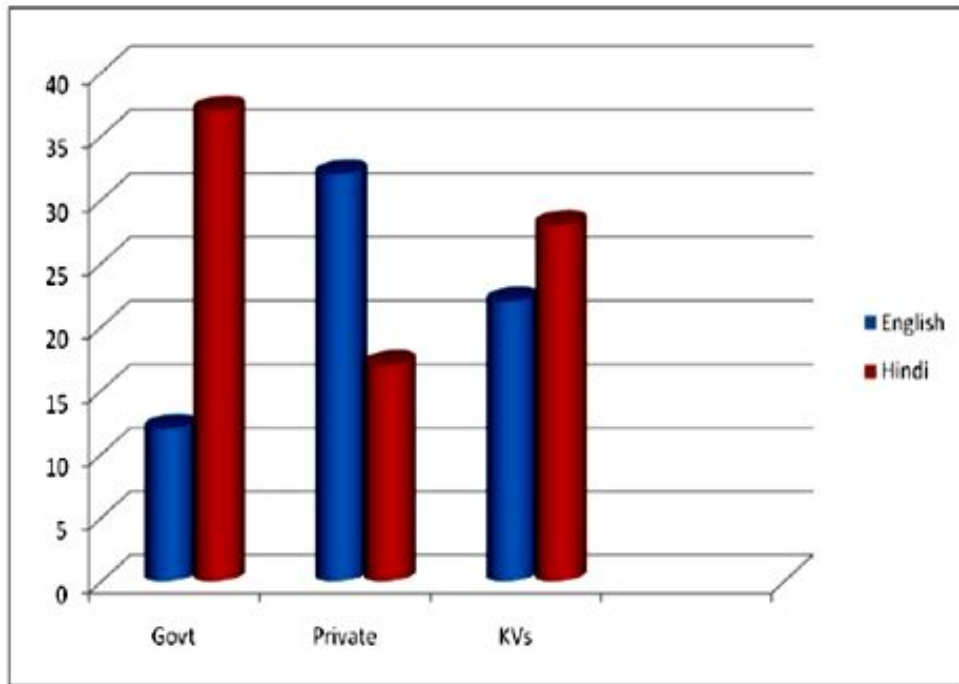
Session – 2021-22

Class : 10th

Subject : English

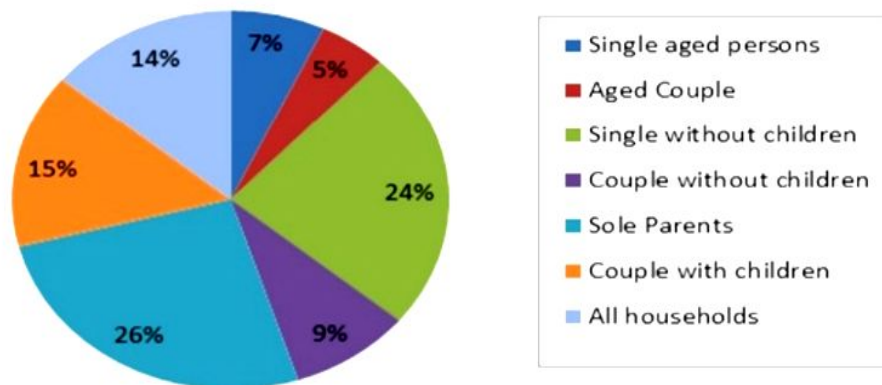
SUBJECT ENRICHMENT ACTIVITY

1. Study the graph given below. The chart depicts the number of students of class tenth speaking English and Hindi in three different types of schools in New Delhi. Based on the details given in the bar graph given below, write an analytical paragraph in 100-120 words.



2. The pie chart shows the proportion of people from different households living in poverty in the UK in 2002. Write an analytical paragraph to describe the information in 100-120 words.

Proportion of people from each household type living in poverty



3. You are Priyank/Priya, Hostel Warden, Cambridge International Public School, Meghavan, Andhra Pradesh. Write a letter to the Sales Manager, Swastik Electronics and Domestic Appliances Ltd., Bangalore, placing an order for fans, microwaves, ovens and geysers that you wish to purchase for the hostel. Also ask for discount permissible on the purchase.

4. **Complete the following sentences using the appropriate tense form of the verb given in the brackets.**

- (i) The constable (catch) the thief red-handed.
- (ii) Students at many colleges (stay away) from their classes to protest against the highhandedness of the administration.
- (iii) He (spend) the whole day in bed.
- (iv) The bomb scare (delay) the flight by about 2 hours.
- (v) The stadium (reverberate) with dance and drama as performers from across the country (showcase) their talents.
- (vi) He (love) animals but that (not prevent) him from eating their flesh.
- (vii) He (visit) nearly all continents.
- (viii) The man who smuggled cocaine into the city (arrest)
- (ix) The politician (never visit) his constituency since the last election.
- (x) Last year, they (build) a fence around their property.

Subject : Hindi

- प्र:1. पाठ – 'टोपी शुक्ला' के सभी प्रश्न-उत्तर को याद करें।
- प्र:2. कविता 'पर्वत प्रदेश में पावस' और 'कर चले हम फिदा' के सभी प्रश्न-उत्तर को याद करें।
- प्र:3. पत्र लेखन और अनुच्छेद लेखन का अभ्यास करें।
- प्र:4. दिए गए विषयों में से किसी एक विषय पर सुंदर सी वीडियो बनाकर भेजें।
- (i) महंगाई एक समस्या
 - (ii) चुनाव आयोग
 - (iii) सब दिन होत न एक समान
 - (iv) सच्चा मित्र

Subject : Mathematics

SUBJECT ENRICHMENT ACTIVITY

1. To make a mathematical instrument, clinometer to measure the height of a distant object.
Material required: Small pipe or drinking straw, a wooden board, woodenstrip, thread, weight, screw.
2. To verify that the sum of first n natural numbers is $\frac{n(n+1)}{2}$ by graphical method.
Material required: graph paper, white chart paper, coloured pens and geometry box.

Subject : Science

SUBJECT ENRICHMENT ACTIVITY

BIOLOGY

1. Winters show us the importance of temperature and warmth but imagine if this warmth and temperature increases up to an extent where it starts destroying life. Make a chart showing the ill effects of one of the following:
 - A. Global warming.
 - B. Green house effect
 - C. Ozone layer Depletion
2. Draw a monohybrid cross by taking the shape of the seed of *Pisum sativum* as one of the contrasting traits.
3. Show the law of independent assortment given by Mendel by using two contrasting traits of *Pisum sativum*.
4. What are the different equipments we used in our industry to control the particulate matter in the air pollution?
5. How burning of fossil fuels is a reason of all environmental disasters on earth?

CHEMISTRY

1. Prepare a model of CH_4 (Methane) molecule.
2. Draw Modern Periodic Table on chart. (Use colours to draw).

PHYSICS

1. Prepare an electromagnet at home using a small cell/battery, a copper wire and a nail/iron piece and use it to lift small objects. Also record the video of the experiment.
2. Take two potatoes, two nails/screws, two connecting wires and a light bulb. Pierce the two screws one into each potato. Connect one end of both the wires to the terminals of light bulb and the other to the screws. See what happens. Does the light bulb glow? Record a proper video of the experiment while connecting the second wire.

Subject : Social Science

A. PROJECT WORK

Chapter: Lifelines of National Economy

Major Ports: (Locating and Labelling)

- a. Kandla
- b. Mumbai
- c. Marmagao
- d. New Mangalore
- e. Kochi
- f. Tuticorin
- g. Chennai
- h. Vishakhapatnam
- i. Paradip
- j. Haldia

International Airports:

- a. Amritsar (Raja Sansi)
- b. Delhi (Indira Gandhi International)
- c. Mumbai (Chhatrapati Shivaji)
- d. Chennai (MeenamBakkam)
- e. Kolkata (Netaji Subhash Chandra Bose)
- f. Hyderabad (Rajiv Gandhi)

B. GENERAL QUESTIONS:

Questions are based on GLOBALISATION AND INDIAN ECONOMY chapter.

Read the chapter and answer to these questions:

- Q1. What is globalisation? How does it affect the Indian economy so far?
- Q2. What are the various ways in which MNCs set up, or control, production in other countries?
- Q3. Why do developed countries want developing countries to liberalise their trade and investment? What do you think should the developing countries demand in return?
- Q4. How liberalisation, privatisation and globalisation changed the picture of Indian economy?

IMPORTANT INSTRUCTIONS

- A. Project work must be done on political Map of India.
 - All the maps must be pasted on the scrap book.
- B. General questions must be written in Separate notebook.
 - Relevant pictures must be pasted in the blank side of the sheet.

Subject : Computer

Design a PowerPoint presentation on Cyber Security.

Instructions:-

- Create 10 Slides.
- In First slide, enter your Name along with picture, Class, Section and Roll no.
- Apply Animation and transition Effects to each slide
- Save presentation with your name & Section and mail it to your subject teacher.

