



ARMY PUBLIC SCHOOL RATNUCHAK
SUBJECT ENRICHMENT ACTIVITY
SESSION 2019-20
CLASS X

ENGLISH

1. Study the history and works of 'Anne Frank' and write about difficulties faced by her in her life.
2. Attempt a brief character sketch of the teacher, Ms Mason, highlighting her understanding, and sensitiveness to human issues, particularly related to the students from "The Hundred Dresses-II".
3. You are Raghu/ Raghini of Nasik. As the incharge of an excursion party that your school is sending on an educational tour to Ajanta and Ellora Caves during the summer Vacations. Write a letter of enquiry to Happy Tours and Travels, Nasik, seeking information regarding transport accommodation etc.
4. Write a Paragraph on the Rain Forest, the River Kaveri and coffee plantations in Coorg.(from the Glimpses of India)
5. You are the Sales Executive of a famous Tea Company and you have been asked to Draft an Advertisement for the product. Draft an advertisement using the information you collected for the Role Play. You can draw pictures or add photographs and make your advertisement colourful.
6. Give the Summary of "A question of trust", "Footprints without feet" and "The making of a scientist".
7. Make a Pie-Chart of the Idiomatic Expressions (Idioms) with their meanings-20.

HINDI

1. आपके विद्यालय में पुस्तक मेला आयोजित किया जा रहा है। इसकी जानकारी देते हुए एक विज्ञापन तैयार कीजिए।
2. बड़े भाई साहब पाठ में आए सभी मुहावरे खोजकर लिखिए एवं अर्थ लिखकर उनका वाक्य में प्रयोग कीजिए।
3. दिल्ली परिवहन अधिकारी को बस में यात्रा करते हुए खोई संपत्ति की सूचना देते हुए पत्र लिखिए।
सारा कार्य 10 रूपय की उत्तर पुस्तिका पर कीजिए।
(आवधिक परीक्षा-1 का पाठ्यक्रम याद करके हिंदी की उत्तर पुस्तिका पर लिखिए।)

MATHS

- Q1) Represent the zeroes of the quadratic polynomial $3x^2 - x - 4$ graphically.
- Q2) Following are three pairs of linear equations in two variables to show different Possibilities of solutions graphically i.e., unique solution, No solution and infinitely many solutions.
- (a) $2x - y + 1 = 0$ and $x - 2y + 8 = 0$
 - (b) $x - 2y - 5 = 0$ and $3x - 6y - 15 = 0$
 - (c) $2x + 3y - 6 = 0$ and $4x + 6y - 24 = 0$

SCIENCE

1. Complete your practical Manual work.
2. Draw a well labelled diagram of digestive system, respiratory system and excretory system of humans and write their characteristics in point wise manner.
3. Visit a nursery /Kitchen garden, click photographs and collect the following information for five medicinal plants, ornamental plants and seasonal fruit/ vegetable.
 - a) Name of the plant:
 - b) Type of root system:
 - c) Leaf pattern:
 - d) Phylum:

- e) Class:
- f) Botanical Name:
- g) Uses/Medicinal Value:
- h) Photograph of the plant:

All the activities are to be done in the laboratory practical notebook.

S.SCIENCE

Sustainable development is need of the hour. Non- Renewable resources of energy are depleting fast, and the need to search for alternate sources of energy is increasing day by day.

Make report on the alternate sources of energy keeping in view sustainable development and the following indicators-

1. Name of the alternate source of energy
2. Place, where it is found
3. Various uses
4. It is actual or potential resource
5. It is localized or ubiquitous resource

NOTE: Worksheets consist of 15 marks and are compulsory.

Download the worksheets of all the subjects from school website (www.apsratnuchak.com)