ARWACHIN BHARTI BHAWAN SR.SEC SCHOOL
C BLOCK, VIVEK VIHAR, DELHI 110095
HOLIDAY HOMEWORK
CLASS IX January 2025

English

(1). Do practice 10 unseen passages – Discursive and Case – Based passages (Five each)

(2). Do practice of Integrated Grammar Topics – Determiners, Tenses,Modals, Subject-verb-Concord, and Direct and Indirect Speech.

(3). Revise Unit Test III Syllabus

(4). Do practice of (Pen Down) the most commonly used poetic (literary devices) used in the poems of your syllabus.

Maths

(1). REVISE CHAPTER NUMBER 2, 9 ; Polynomials and Circles for UT 3

(2). Make PPT for New Year celebration with Maths (4 – 6 slides)

Either make PowerPoint presentation with hard copy

OR

Make Art Integrated manual presentation (4 – 6 slides)

(3). Revise further chapters 1 -12 for Annual exams.

(4). Do complete your copies, practical file, and portfolio for Internal marking. Submit after vacations.

Science
(1). Complete practical files for the internal assessment
(2). Practice ten numerical questions each from
Ch: Sound
Ch: Work & Energy
3) Complete portfolio also

Social Science

(1) Make a PPT presentation on the inter- relationship between human being and their environment and how that influences the livelihoods, culture and the bio-diversity of the region

(2) Create a poster to raise awareness about the need of democracy.

(3) Locate the various pastoral communities on an outline map of India and explain the cyclical movement of these according to climate condition.

(4) Complete your portfolio and notebooks for internal assessment..

(5) Revise syllabus of Unit Test-3.

हिन्दी

प्र०1 निम्नलिखित खण्डों की परिभाषा तथा दो-दो उदाहरण लिखिए-

(क) शब्द और पद

(ग) अनुनासिक

(ख) अनुस्वार

(घ) उपसर्ग

(ड़) प्रत्यय

प्र०2 'नई शिक्षा नीति' पर अपने विचार प्रस्तुत करते हुए लगभग 100 शब्दों में एक अनुच्छेद लिखिए।

प्र०3 सर्दियों की छुट्टियाँ बिताने की योजना बनाते हुए दो मित्रों में होने वाले संवाद को लगभग 100 शब्दों में लिखिए।

प्र०4 'स्पर्श', 'संचयन' एवं 'व्याकरण' के सम्पूर्ण पाठ्यक्रम का अभ्यास करे |

(सम्पूर्ण कार्य A-4 साइज़ की शीट पर करें तथा पोर्टफोलियो में लगाएं)

संस्कृत

(1). UT. 3. का पाठ्यक्रम अभ्यास करें।

(२). संस्कृत पोर्टफोलियो एवं उत्तरपुस्तिका (कॉपी) पूर्ण करें (इन्टरनल मार्क) हेतु ।

(3)- संस्कृत भाषा में नूतन वर्ष (NEW YEARS) पर एक पी. पी. टी निर्माण करें।

(4). संस्कृत भाषा में एक नूतन वर्ष अभिनन्दन' पत्र (कॉर्ड) निर्माण करे।

Artificial Intelligence

(1). Prepare a project report on the topic "Disadvantages of Flying Drones" in 200 words

(2). Prepare a presentation which includes at least 10 Slides on the topic "Smart Application, based on Machine learning and Deep learning Techniques"

(3). Write a program in Python IDLE to create a simple calculator that accepts input from the user and perform all the basic mathematical operations. The output should be displayed at the run time window

(Note: Attach necessary Screenshots)

Information Technology

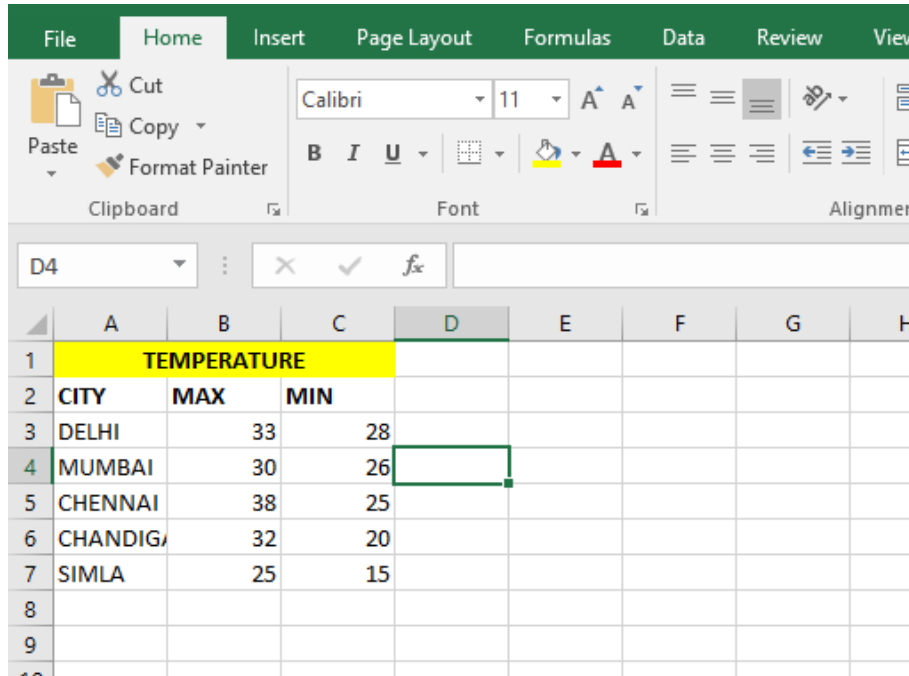(1). Design. a birthday invitation for your friends.

→ Apply a suitable page border to it.

→Set the top and bottom margins at 2.5cm. The left and right margins to 3 cm.

→font color red and style Ariel Rounded MT font size 20.

→ Make the text Center aligned.

(2) Create a worksheet as Shown

- Create a Bar Chart for the data shown
- Format the chart as per the following instruction
  - ✓ Change the border and color of the plot area
  - ✓ Format the legend

(3). Prepare a presentation of about 10 slides, describing the "Changing trends in the field of school education"