Cambridge
INTERNATIONAL SCHOOL

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An I-League School
PHAGWARA (Pb.)

IL
I-LEAGUE
EDUCATION

HOMEWORK

JUNE 2018

- English
- MATHEMATICS
- SCIENCE
- Hindi
- COMPUTERS
- Punjabi
- Social Studies

Grade 7

SUMMER HOLIDAY HOMEWORK 2018-19

GRADE VII

Q1. Imagine there is life on Mars and you got an opportunity to spend a day on it. Share your experience in 100-150 in the form of Diary Entry.

Q2. On a half sheet of a chart paper, make a collage based on advertisement of health products. Give it a suitable title.

Q3. Prepare a WORD WALL of 20 difficult words that you have learnt during your vacation.

Q4. Discuss your favorite recipe with your mother and write it for the local magazine.

   (NOTE: Compile all work in a separate folder)

SUBJECT – MATHS

Q1. Mohini throws a ball in air. The ball goes up to the height of 41m and then settles at the bottom of the pond, 12 m deep. Find the total distance covered by the ball.

Q2. A shopkeeper earns a profit of Re 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of his old stock.

a) In a particular month he incurs a loss of Rs 5. In this period , he sold 45 pens. How many pencils   did he sell in this period?

b) In the next month he earns neither profit nor loss. If he sold 70 pens, how many pencils were sold ?

Q3. Suppose we represent the distance above the ground by a positive integer and below the ground by negative integer .Answer the following :

   I.   An elevator descends into a mine shaft at the rate of 5m per minute .what will be the position after one hour?
   II. If it begins to its descends from 15 m above the ground, what will be its position after 45 minutes ?

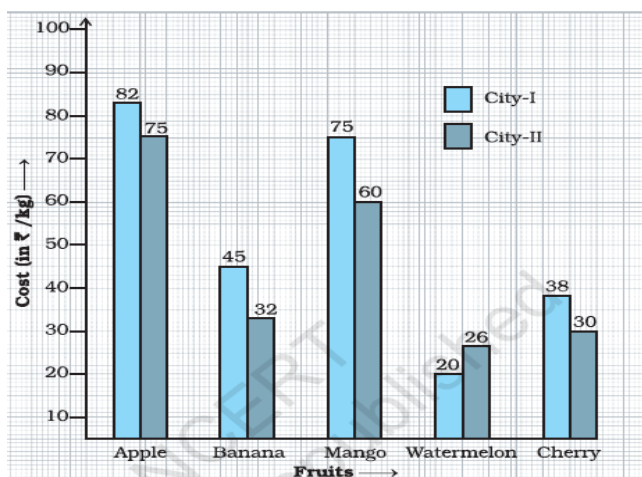Q4. The number of employees working in two shifts in a company during a week is given below:

Days	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Day Shift	100	125	80	150	200	180	200
Night Shift	120	140	120	140	225	200	250

  a) Find the average number of employees working in day shift.
  b) Find the median of employees working in night shift.
  c) Find the mode of employees working in two shifts.

Q5. A natural number lies between 1 and 30. What is the probability that the chosen number:-

(i) is an even number   (iii) is a composite number
(ii) is a multiple of 5   (iv) is greater than 25
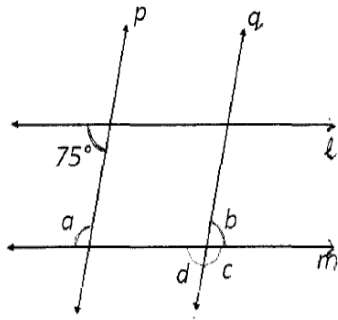
Q6. Study the double bar graph given below and answer the questions that follow:-

a) What information does the above double graph depict?
b) Name the fruits for which cost of 1 kg is greater in City I as compared to City II.
c) What is the difference of rates for apples in both the cities?
d) Find the ratio of the cost of mangoes per kg in City I to the cost of mangoes per kg in City II.

Q7. Find the area of a rectangular park which is $25\frac{2}{3}$ m long and $18\frac{3}{5}$ m broad.

Q8. Line l //m and p//q. Find a,b,c,d.

Q9. Using properties of integers, find:
(i)   46 x (-48) + (-48) x (-36)
(ii)   -37 x 102
(iii)   725 x (-55) + (-725) x 65

Q10. Angles A and B are supplements of each other. If ∠A = x - 20˚ and ∠B= x - 30˚, find the measure of both the angles.

NOTE: Do worksheet 2 and worksheet 3 of Ch.Fractions & Decimals from Arihant workbook (Blanks in the workbook and solve detailed sums in homework notebook).

SUBJECT – SCIENCE

NOTE: Do every activity in the scrapbook.

1. Collect at least 15 different types of leaves, paste on the scrapbook and write their names.

2. Collect information of minimum and maximum temperature of June month.

3. Check your surroundings, enlist 5 items each that are having acids and bases.

4. Learn chapter- 1,2 and 14.

SUBJECT – SOCIAL SCIENCE

GEOGRAPHY:

- Prepare a report on contrasting weather conditions in four metropolitan cities: New Delhi, Mumbai, Chennai and Kolkata representing their diverse temperature and precipitation patterns.

CIVICS:

- "SWACHH BHARAT ABHIYAN"
    Prepare a logo of the same on A4 size sheet

1 ´ गर्मियों के चिलचिलाते मौसम को देखते हुए छात्रों द्वारा किसी एक व्यंजन को बनाया जाएगा।

* पेय जल **³** Drinks´

* मिष्ठान **³**Desert´

स्वयं बनाए गए पदार्थ की तस्वीर व बनाने की विधि को उत्तर पुस्तिका में चिपकाया व लिखा जाएगा।

2 ´ पाठ **1** से **5** पाठ के कठिन शब्द उत्तर पुस्तिका में लिखें।

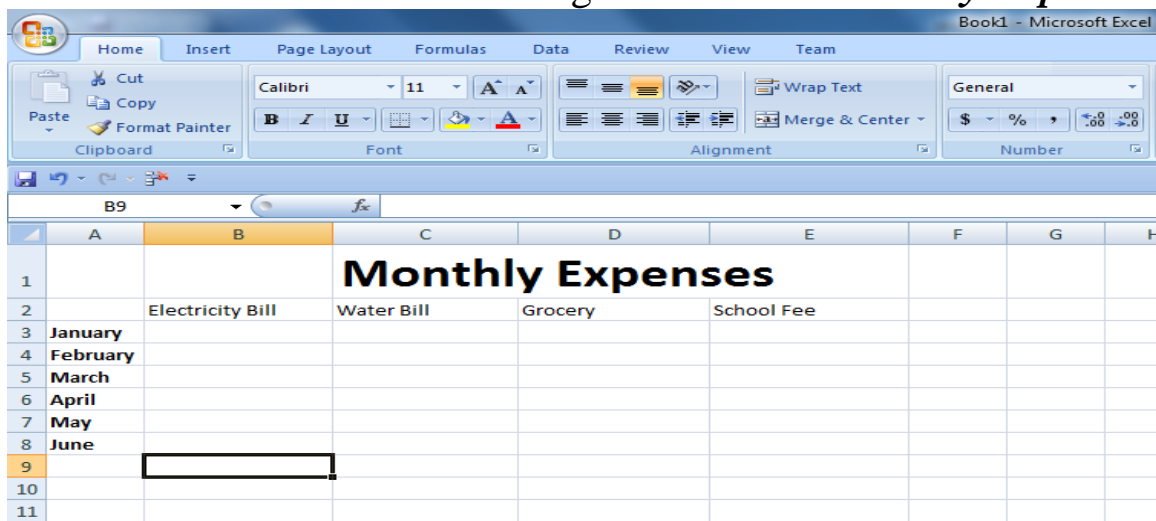**3** ´ बाल महाभारत में से भीम और कर्ण पाठ पढ़कर उन दोनों का चरित्र चित्रण करते हुए तुलना कीजिए।

 * कार्य उत्तर पुस्तिका पर कीजिए।**³**Class Note Book)

SUBJECT – PUNJABI

ਪੁਰਾਤਨ ਪੰਜਾਬ ਤੇ ਨਵੀਨ ਪੰਜਾਬ ਵਿਚਲੇ ਅੰਤਰ ਨੂੰ ਇੱਕ ਪੈਰ੍ਹੇ ਵਿੱਚ ਲਿਖੋ।(ਨੁਕਤੇ- ਪੰਜਾਬੀ ਰਸੋਈ , ਪਹਿਰਾਵਾ , ਰਹਿਣ-ਸਹਿਣ , ਲੋਕ- ਖੇਡਾਂ ।)

SUBJECT – COMPUTERS

Make an excel sheet for saving the record of *Monthly Expenses.*

Important instructions:-

1) There should be at least 6 records in the worksheet.
2) Include these columns (Electricity Bill, Water Bill, Grocery and School fee)
3) Calculate maximum Electricity bill among the six months by using MAX[] function.
4) Calculate minimum Grocery among the six months by using MIN[] function.
5) Calculate total of all the bills in the 6th column under the column heading "Total".
6) Take print out of the screenshot (black n white/colored).

<u>**Your project will be adhered on the following basis:-**</u>
- **Correct Data entries in worksheet.**
- **Correct use of Functions.**
- **Use of formatting features.**
- **Print out of screenshot.**

Happy holidays