NORTH-EX PUBLIC SCHOOL, JAIN NAGAR
WINTER HOLIDAYS HOMEWORK
CLASS-XI-B

ENGLISH

1. The school has organized an Inter School Elocution competition on the topic, "Stop wars, and give peace a chance". Write a notice for the school notice board. You are Vandana/Varun, school leader of Little Scholars Public School, Bangalore.

2. Last month your school library week in which reading sessions, quiz on authors and poets by the eminent writers were organized. Write a report of the Library Week Celebrations to be published in the VidyalayaPartika.

3. As the Head Boy/Girl, write a letter to the Principal of your school requesting him/her to improve the school canteen. The hygiene conditions as well as the menu needs to be improved.

4. You want dispose of your old bike. Wrtie an advertisement to be published in 'For Sale' column of a newspaper.

ACCOUNTS

Q1:(Preparation of accounting equation, journal and cash book)
Mr. X commenced his business on 1st April, 2008 by introducing capital of Rs. 50,000. During the year, following transactions had taken place:
a) Bought Machine for cash. ` 20,000
b) Purchased goods for 24,000
c) Sold goods (costing Rs. 9,500) to Om for cash. 20,000
d) Purchased goods from Azhar. 14,000
e) Introduced additional capital. 16,000
f) Commission received in advance. 2,000
g) Paid to Creditors Rs. 10,500 in full settlement.
h) Bought Computer for his personal use. 10,000
i) Rent paid for the year. 10,000
j) Payment for stationery 400
k) Sold goods (costing Rs 12,000) for Rs 16,000. Out of which Rs. 2,000 received in cash.
Show the above transactions in accounting equations.

Q2: From the following particulars of Mr. Atif, prepare the accounting equation:
a) Started business with cash for Rs. 4,50,000 and Building Rs. 20,00,000.
b) Paid into bank Rs. 2,00,000.
c) Purchase furniture for cash Rs. 40,000.
d) Purchased goods for cash Rs. 2,00,000.
e) Sold goods (costing Rs. 3,000) for cash Rs. 3,400.
f) Expenses outstanding worth Rs. 2,000.
g) Received securities deposit from tenants Rs. 5,500.
h) Sold goods to Mohan (costing Rs 20,000) for Rs. 10,000.
i) Paid telephone expenses Rs 19,100.

Q3: Show the accounting equation related to business of Miss. Reetu with the help of following transactions:
(i) Invested Rs. 50,00,000 as capital in business.
(ii) Purchased a building on cash from Hari Mohan Rs. 25,00,000 by taking a loan from bank.
(iii) Paid interest on loan Rs. 40,000 and installment of Rs. 3,50,000.
(iv) Purchased goods from Rajiv Rs. 2,00,000.
(v) Returned goods to Rajiv costing Rs. 30,000.
(vi) Sold goods worth Rs. 60,000 to Rohan.
(vii) Received Rs. 20,000 from Rohan.
(viii) Took goods of Rs. 15,000 from business for personal use.
(ix) Accrued interest Rs. 15,000.
(x) Commission received in advance Rs. 20,000.

Q4: Vijay had undertaken the following transactions during the year 2005-06. Prepare an accounting equation to show the effect on his assets, liabilities and capital :
a. Started business with cash Rs 2,30,000
b. Purchased goods for cash Rs 40,000 and on credit Rs 30,000
c. Purchased a television for personal use worth Rs 16,000.
d. Sold goods for cash Rs 24,000 (costing Rs 17,000).
e. Received commission Rs 4,300.
f. Stationery and postage expenses paid Rs 1,000.
g. Cash payment made for household expenses Rs 21,000.

h. Paid to Creditors Rs 19,500.

Q5: Malti started a business with cash Rs 2,00,000 and furniture Rs 6,000. During the year, the following transactions took place.

      a. Purchased stock from Neeraj for Rs 80,000.
      b. Paid rent for the year Rs. 24,000.
      c. Postage and stationery charges paid Rs 100.
      d. Paid to Neeraj Rs 50,000.
      e. Goods purchased for cash Rs 10,000.
      f. Purchases of Rs. 2,000 returned and cash received
      g. Sold goods to Amit (costing Rs 6,000) at a profit of 20% on Sale.
      h. Depreciation charged on furniture Rs. 100.

Q6:Show the accounting equation on the basis of the following transactions :

      a. Jeet commenced business with Rs 11,50,000.
      b. Wages paid Rs 4,000 and outstanding Rs 6,000.
      c. Goods purchased for Rs 80,000.
      d. Computer purchased from Star Computers worth Rs 30,000 and paid half the amount in cash.
      e. Invested Rs. 90,000 into the bank.
      f. Goods purchased from Vaibhav for Rs 8,000and made the payment by cheque.
      g. Purchased a building for Rs. 6,00,000 and the payment was made by cash.
      h. 1/2 of the stock available was sold to Mohit at a profit of 25% on cost. Also prepare a Balance Sheet with the final balances.

MATHS

Q.1 Consider the experiment of rolling a die. Let Abe the event 'getting a prime number', B the event' getting an odd number'. Write the sets representing the events.

(i) A or B   (ii) A and B   (iii) A but not B   (iv) 'not A'

Q.2 Two dice are thrown and the sum of the numbers which come up on the dice is noted. Let us consider the following events associated with this experiment.

A : 'the sum is even'.
B : 'the sum is a multiple of 3'
C : 'the sum is less than 4'.
D : 'the sum is greater than 11'.

Q.3 A bag contains 9 discs of which 4 are red, 3 are blue and2areyellow. The discs are similar in shape and size. A disc is drawn random from the bag. Calculate the probability that it will be (i) red (ii) yellow (iii) blue (iv) not blue (v) either red or blue.

Q.4 Two students Anil and Ashima appeared in an examination. The probability that Anil qualify the examination is 0.05 and that Ashima will qualify the examination is0.02. Find the probability that

(i) Both Anil and Ashima will not qualify the examination.
(ii) At least one of them will not qualify the examination and
(iii) Only one of them will qualify the examination.

Q.5 A committee of two persons is selected from two men and two women. What is the probability that the committee will have (i) no man ? (ii) one man ? (iii) two women?

Q.6 If A,B, C are three events associated with a random experiment, prove that
$A (A \cup B \cup C) = P(A) + P(B) + P(C) - P (A \cap B) - P (A \cap C) - P(B \cap C) + P (A\cap B \cap C)$

BST

Q1. What do you mean by business explain ?
Q.2 what are the social responsibilities of business. Explain in brief ?
Q.3 Explain statutory corporation and Government Company ?
Q4. What is internal trade, Explain all its types ?
Q.5 What is Small business , explain all its types ?

ECONOMICS

Q1 Explain determination of equilibrium price with the help of suitable example?
Q2 Distinguish between Monopoly and monopolistic competition.
Q3 Calculate standard deviation from the following data

S.No	1	2	3	4	5	6	7	8
Marks	15	25	27	30	21	11	09	30

Q4 Explain advantages of index number.

Q5 What do you mean by degree of correlation?

IP

Q1. Explain the control statements of java.

Q2. Differentiate between checkbox and radiobutton components.

Q3. Distinguish between isSelected() and setSelected methods of java.

Q4. Explain the logical operators of java.

Q5. Make a chart on rules regarding naming a variable in java.

PHYSICAL EDUCATION

Q.1- Define sports training and explain its concept.

Q.2- What do you mean by warming up and limbering down?

Q.3 Explain the different principles of sports and sports training in detail.

Q.4- Write down the difference between skill and technique.

Q.5- Give symptoms of over-load suggest. How to overcome it?

Q.6- Learn and write Question and answers of Chapter – 1 to 12.