

Assignments for class 8

English

I. Merchant of Venice-

In Act I and II of Merchant of Venice you find a lot of mythological references. Make a list of all of them, research and find more about them. Write your observations in your literature notebooks.

II. Malgudi Days- Answer the following questions in about 50 words each in your Literature Notebooks or on ruled sheets.

1. Write your view on social hierarchy as depicted in the story 'The Gateman's Gift'.
2. Make a flow chart – listing the events that occur in the story 'Such Perfection'.
3. After reading the story 'The Blind Dog', comment on the loyalty shown by the dog.

IV. Project- Design a Book Cover of any one of the books you read during the summer vacations. Use any chart paper for your presentation.

MATHEMATICS

While you enjoy the extended summer break, do find time to refresh your understanding of concepts by attempting the following questions which are based on the topics studied in the first term.

ALL the questions are to be solved NEATLY with steps in order in the math home work notebooks or on sheets of paper. Date of submission is the 8th July

I Find the square root of the following using the long division method.

- | | | | |
|---|-------|---|--------|
| 1 | 4096 | 2 | 5184 |
| 3 | 11664 | 4 | 746496 |

II Express the following ratios as percentage

- | | | | |
|----|--------|----|--------|
| 5 | 29:50 | 6 | 50:500 |
| 7 | 65:130 | 8 | 30:150 |
| 9 | 9:20 | 10 | 3:4 |
| 11 | 7:8 | 12 | 13:16 |

III Calculate

- | | | | |
|----|------------|----|-------------|
| 13 | 24% of 200 | 14 | 2.4% of 200 |
|----|------------|----|-------------|

15 240% of 200

16 32% of 450

17 72% of 650

18 7.2% of 650

19 12.5% of 450

20 15% of 350

IV Find the SP when

21 CP = Rs 1540, loss = 5%

22 CP = Rs 760, loss = 3%

V Find CP when

23 SP = Rs 851, loss = 8%

24 SP = Rs 924 gain = 10%

VI Construct a quadrilateral HEAT in which HE = 4.2 cm, EA = 3.5 cm,

AT = 4 cm, HT = 3.2 cm and angle ABC = 75

Now let us learn some multiplication – the Vedic way! Here is a general multiplication technique, by which any two numbers can be multiplied together in one line, by mere mental arithmetic.

Read the examples below carefully.

EXAMPLE 1 Find 74×8

Multiply each figure in 74 by 8 starting on the left.:

$7 \times 8 = 56$ and $4 \times 8 = 32$.

These are combined by carrying the 3 in 32 over to the 6 in 56 : 56, 32

5 9 2

So $74 \times 8 = 592$

EXAMPLE 2 Find 827×3

The three products are $8 \times 3 = 24$, $2 \times 3 = 6$, $7 \times 3 = 21$

The first two products are combined : $24,6 = 246$. There is no carry here as 6 is a single figure, then 246 is combined with 21: $246,21 = 2481$

So $827 \times 3 = 2481$

EXAMPLE 3 77×4

The products are 28, 28

$$\begin{array}{r}
 \text{And} \qquad \qquad \qquad 28 \\
 + \qquad \qquad \qquad 28 \\
 \hline
 308
 \end{array}$$

So $77 \times 4 = 308$.

I am sure you have gone through all the three examples very thoroughly. NOW

Try at least 5 multiplication problems (in the HW notebook) based on above examples and show working as shown in the examples.

Classes 8A,B and C

You should have completed your presentation on microbes. To extend your knowledge about viruses look up the internet for information on Swine Flu. In order to spread awareness amongst the general public, gather information on the life cycle of the virus and the process of transmission of the disease to make a poster. Do not forget to include the precautions that one must take against the disease. Submit your posters on the 8th of July.

SOCIAL SCIENCE

Instructions: Complete the given assignments either on a printout of this worksheet or note down the questions in the Social Science home assignment notebook and write the answers. Map work to be done in the map book.

Please bring the completed assignments to school on 8th July, 2009.

Assignment 1

Imagine you were the ruler of Plassey in the 1750's. How would you have reacted to the various trading practices of the British merchants?

(1mark)

Plassey derived its name from the 'Palash' flower found abundantly in that region. Find out at least five more cities/regions named after a speciality of that area.

(2marks)

Do you think the history of our country would be any different if the East India Company had not established its rule here in the 18th century? Justify your viewpoint.

(2marks)

You have seen a lot of historical monuments in Delhi. Which one has impressed you the most and why?

(2marks)

Assignment 2

(15 marks)

On a map of India, mark the following:

- a) Any 10 important rivers.
- b) The union territories of India.
- c) Any 5 national parks
- d) Any 5 important mountain ranges.
- e) Any 5 hydro-electric projects.

Assignment 3

Log on to the website www.rainwaterharvesting.org. Read about the water requirements of New Delhi and the sources from where Delhi gets its water.

Various dams across the country have seen a sharp decline in their water level this year due to a delayed monsoon. In fact according to a report in the Times of India dated 29th June,2009, water level in most of the reservoirs in India is at a 10 year low.

- a) How does acute water and power shortage affect the life of a Delhi resident

(2 marks)

b) How does this issue affect the farmers?

(2 marks)

c) Suggest some ways in which you can conserve water and electricity.

(4 marks)
