

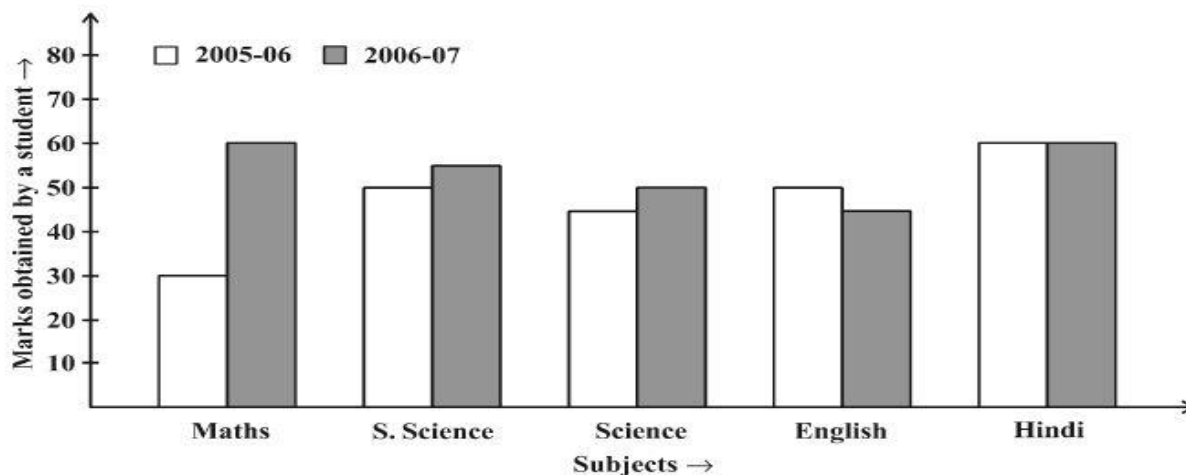
# NATIONAL PROGRESSIVE EDUCATION TRUST'S ENGLISH MEDIUM SCHOOL BELGAUM

## FA II REVISION

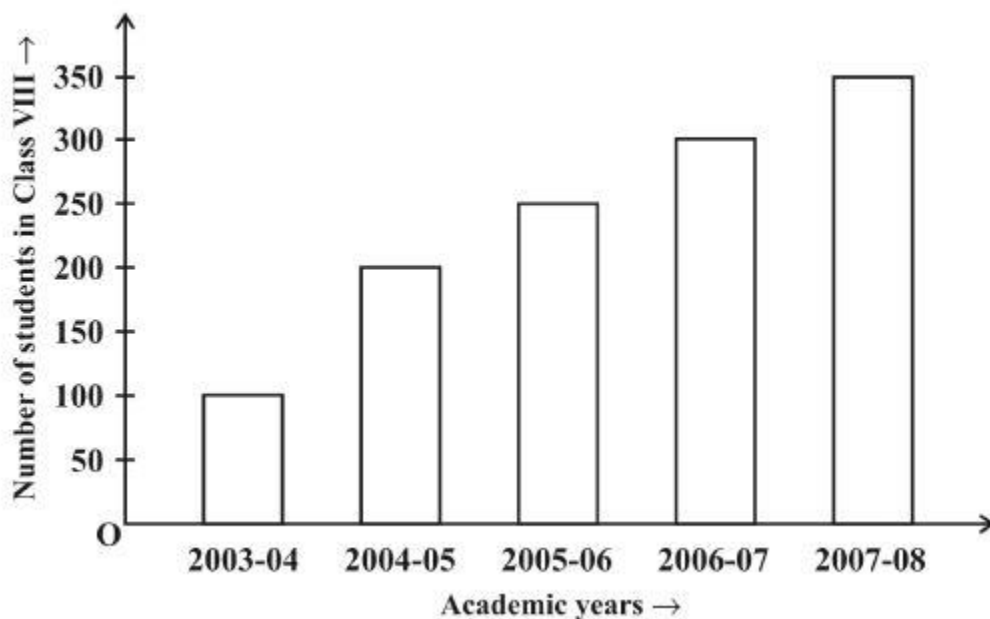
### Subject: MATHEMATICS

**Class: VIIIA/D**

1. Look at the double bar graph and answer the following questions:



- What is the information given by the double bar graph?
  - In which subject the performance has improved the most?
  - Which subject is not shown in the graph?
  - In which subject the performance is same?
2. Look at the bar graph and answer the given question:



- What is the information given by the bar graph?
- In which year is the increase in the number of students maximum?
- In which year the number of students maximum?
- State whether True or False: The number of students during 2005-06 is twice that of 2003-04.

3. The given pie chart shows the activities of a student. Look at the graph and answer the following:



- What is the information given by the pie chart?
  - How many hours does the student sleep?
  - What does the student do for 4 hours?
  - Which two activities have the same duration?
4. List the outcomes you can see when you toss two coins together.
5. List the outcomes you can see when you spin the given wheel.



6. What will be the unit digit of the squares of the following numbers?
- 81
  - 799
  - 272
  - 3853
7. How many numbers lie between squares of the following numbers?
- 99 and 100
  - 12 and 13
  - 25 and 26
8. Find the smallest whole number by which it should be multiplied, so as to get a perfect square number.
- 252
  - 180
  - 768
9. Without actual calculation, find the numbers which are surely not perfect squares.
- 153
  - 257
  - 441

10. Find the square root of each of the following by Division method.

a) 529

b) 1024

c) 900

11. Draw a pie chart showing the given information:




a)

Colours	Number of people
Blue	18
Green	9
Red	6
Yellow	3
Total	36

b)

Language	Hindi	English	Marathi	Tamil	Bengali	Total
No. of students	40	12	9	7	4	72

c)

Season	No. of votes
Summer 	90
Rainy 	120
Winter 	150