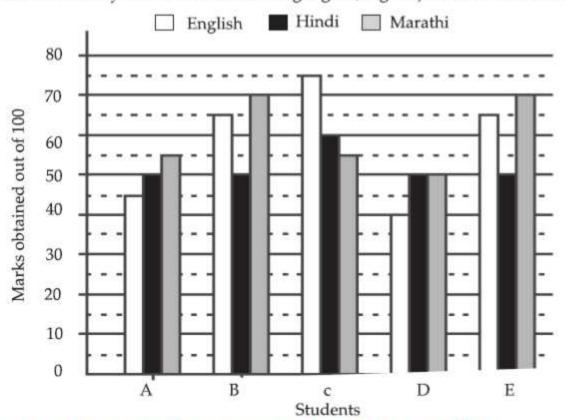Study the following graph carefully and answer the questions given below:

Marks Scored by Five Students in Languages (English, Hindi and Marathi

☐ English   ■ Hindi   ☐ Marathi

1. What is the difference between the total marks obtained by B and the total marks obtained by C?
a. 5 marks
b. 2 marks
c. 18 marks
d. No difference →a
Ans:

Total marks obtain by C = 75 + 60 + 55 = 190
Total marks obtain by B = 65 + 50 +70 = 185
Difference = 190 – 185 = 5 marks

2. What is C's overall approximate percentage?
a. 56
b. 63
c. 70
d. 75 -→b
Ans:

Total marks of C = 190

Maximum marks = 300

Percentage $= \dfrac{190}{300} \times 100 = 63.3 \approx 63\%$

3. Which of the following statements is true?

a. E scored the highest total marks
b. B and D had the same score in Hindi
c. A's overall percentage is 50
d. All the students scored maximum marks in Hindi →c

Ans:

By observation and solving method A's overall percentage is 50

4. What is the respective ratio of D's marks in English to B's marks in English?

a. 8 : 13
b. 5 : 14
c. 7 : 12
d. 6 : 13 -→a

Ans:

D's marks: B's marks

40 : 65

8 : 13

5. What are the approximate average marks obtained by D?

a. 38
b. 47
c. 50
d. 54 -→b

Ans:

Total marks of D in three subjects = 140

Number of subjects = 3

Average $= \dfrac{140}{3} = 46.6 \approx 47$