

SUBJECT 7

Please, do not write on the exam paper

For each of the following problems, choose the right sentence (a, b, c or d) and justify your choice.

1. In an examination, 1100 boys and 900 girls appeared.
50% of the boys and 40% of the girls passed the examination.

Sentence **a** : 45% of the candidates failed.

Sentence **b** : 45.5 % of the candidates failed.

Sentence **c** : 54.5 % of the candidates failed.

Sentence **d** : 59.2 % of the candidates failed.

2. A man's basic pay for a 40 hours week is € 500 a week.
Overtime is paid for at 25% above the basic rate.
In a certain week, he worked overtime and his total wage was 625 €.

Sentence **a** : Therefore, he worked for a total of 45 hours.

Sentence **b** : Therefore, he worked for a total of 47 hours.

Sentence **c** : Therefore, he worked for a total of 48 hours .

Sentence **d** : Therefore, he worked for a total of 50 hours.

3. The salaries of Mister A and Mister B are in the ratio 2:3.

Sentence **a** : So the salary of Mister B is 150% higher than the salary of Mister A.

Sentence **b** : So the salary of Mister B is 66.7 % higher than the salary of Mister A.

Sentence **c** : So the salary of Mister B is 50% higher than the salary of Mister A.

Sentence **d** : So the salary of Mister B is 100% higher than the salary of Mister A.