

NAME: ADM NO: CLASS:

FORM ONE MATHEMATICS

Attempt all the questions in the spaces provided.

1. Write down the following number in words. (1 mk)
35, 000, 900, 010

2. Write the following number in symbols: Five hundred and ninety million, seven hundred thousand, five hundred. (1 mk)

3. What is the place value and the total value of the digit underlined below. (2 mks)
3486789

4. Round off the following numbers to the nearest number indicated in bracket. (2 mks)
89 365 (100)

5. Perform the following operations using a number line. (2 mks)
(+5) – (-2)

- (-3) + (+6) (2 mks)

6. Five companies employed 2340, 3455, 675, 960 and 1350 workers. The first two companies laid off 1 worker for every 5 while the other three recruited 2 new workers for every 3.
 - (a) What was the total number of workers at the beginning? (1 mk)

 - (b) How many people:-
 - (i) Lost jobs (2 mks)

 - (ii) Got jobs (2 mks)

- (c) What was the total number of workers finally? (2 mks)
7. Use divisibility test to test whether the following numbers are divisible by 6. (2 mks)
- (i) 612
- (ii) 83,472 (2 mks)
8. Use divisibility test to test whether the following numbers are divisible by 3. (2 mks)
- (i) 20121 (ii) 722
9. The G.C.D. of two numbers is 12 and their L.C.M. is 240. If one of the numbers is 60, find the other number. (2 mks)
10. Express the following numbers in terms of their prime factors. (2 mks)
- (i) 196 (ii) 715

11. A man was born in 1966. His father was born in 1928 and the mother three years later. If the man's daughter was born in 1992 and the son 5 years earlier, find the difference between the age of the man's mother and that of his son. (3 mks)