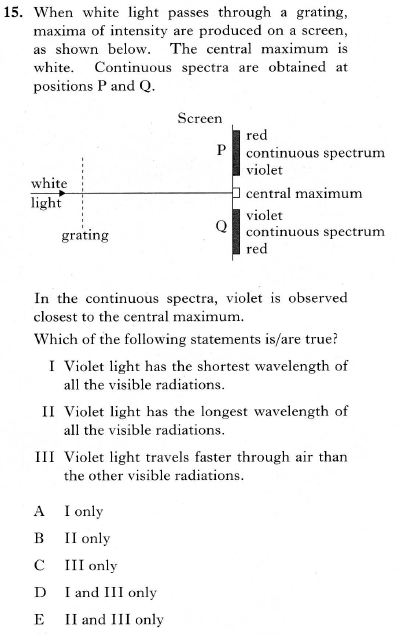
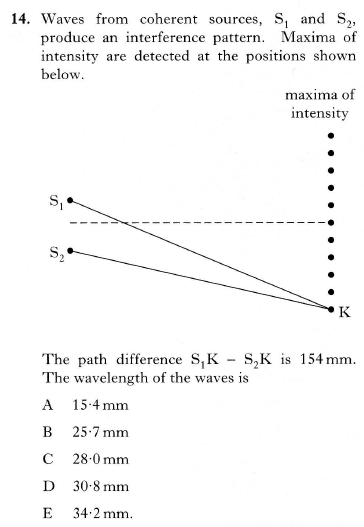
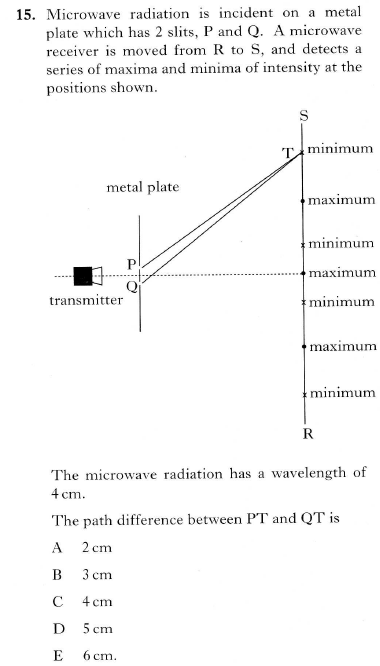
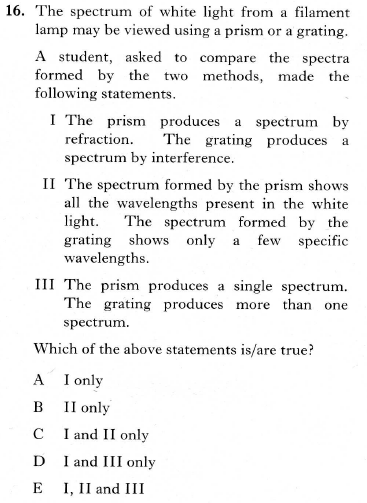
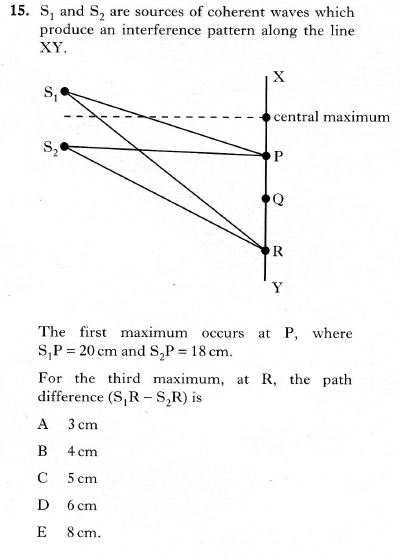
**Exercise 14 – Interference and Diffraction**

Past Paper Homework Questions

2.



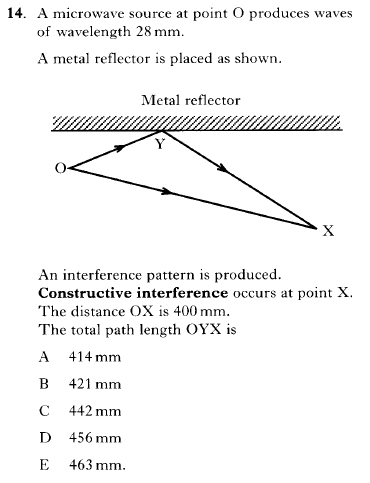
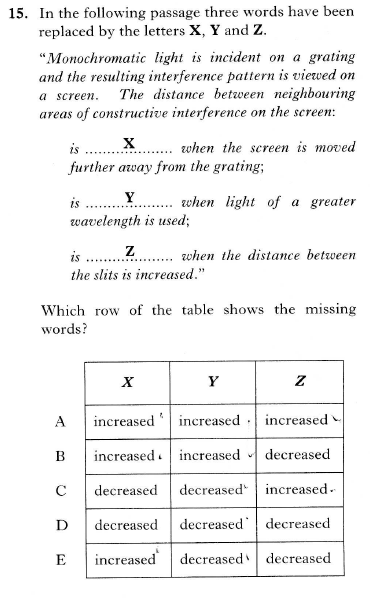
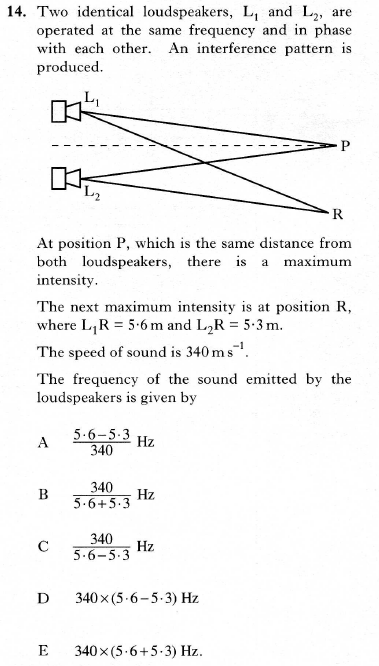
1.

* *

5.

3.

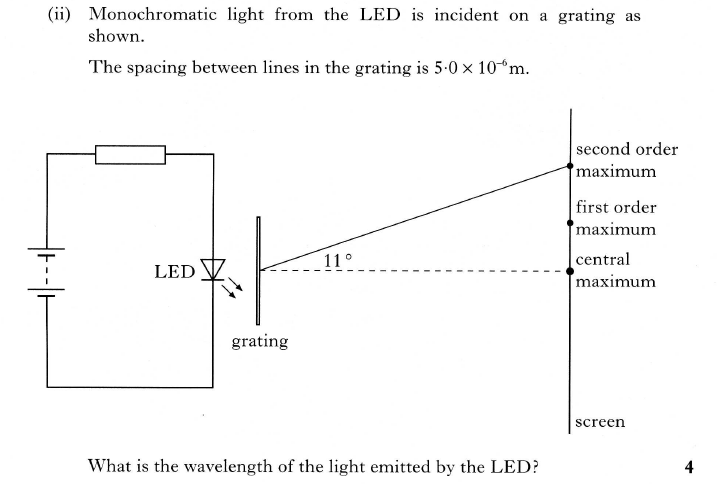
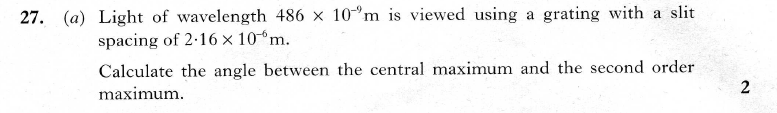
4.

**

8.

7.

6.

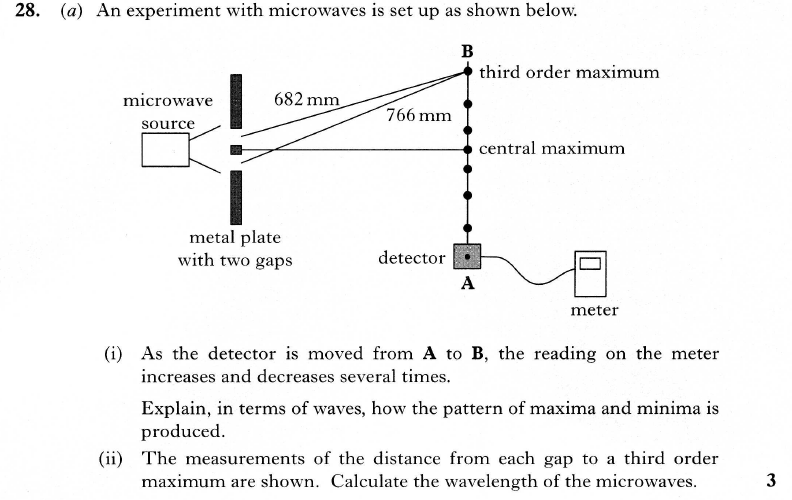
**

9.

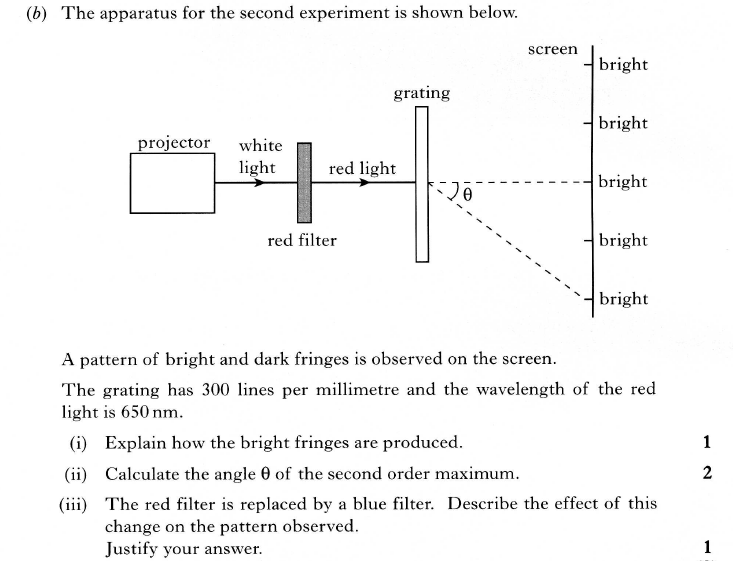
8.

10.

9.

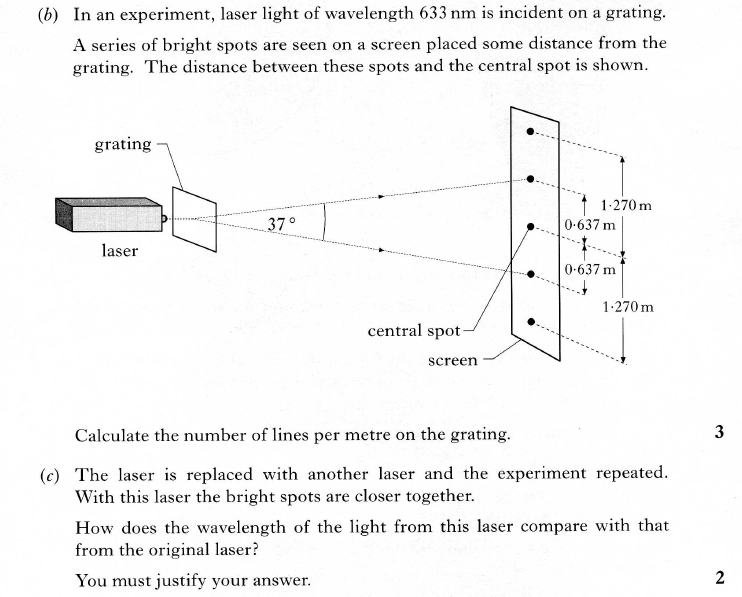


11.



12.

10.



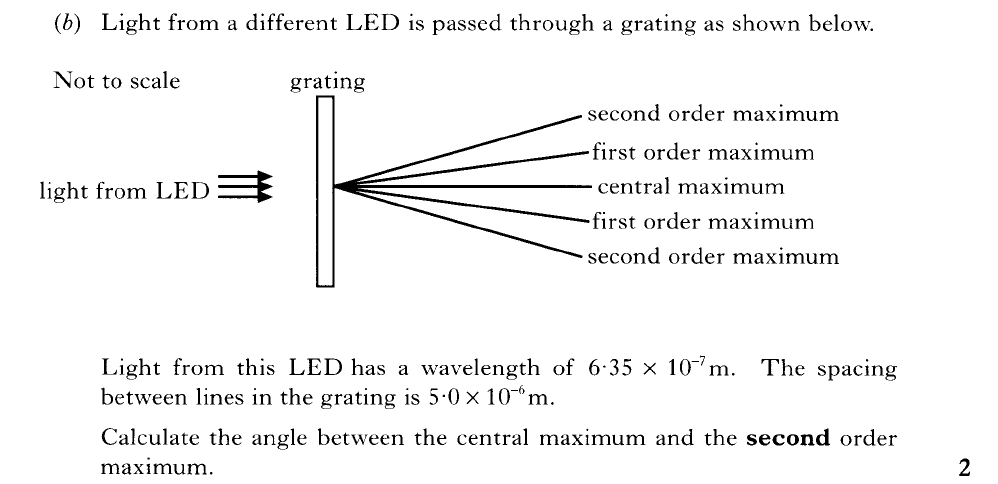
b)

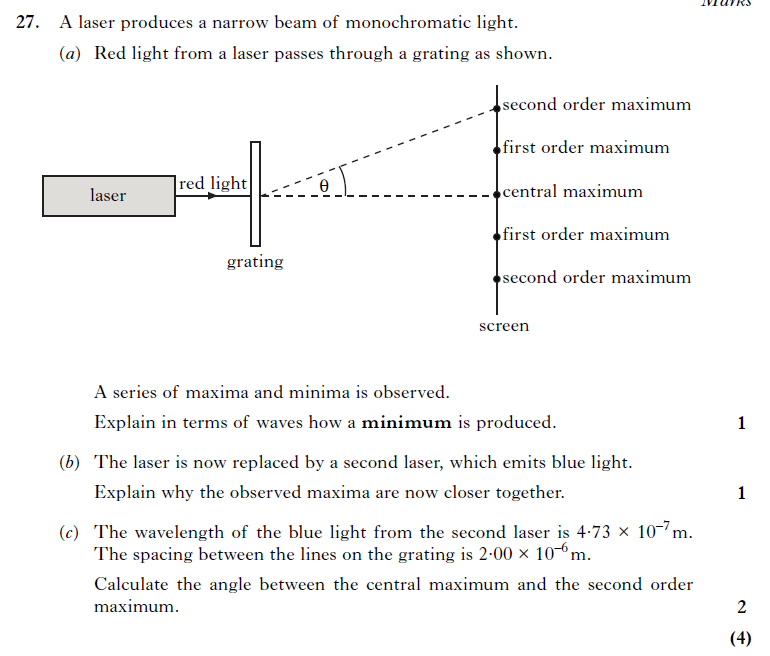
13. a)

14.

11.

Light from an LED is passed through a grating as shown below.





**30 marks**

15.