TEACHER.CO.KE

Kenya Certificate of Secondary Education

PKCSEn210231r Free Version PHYSICS -

Paper 2

March. 2022 - 2hours

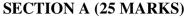
MARKING SCHEME

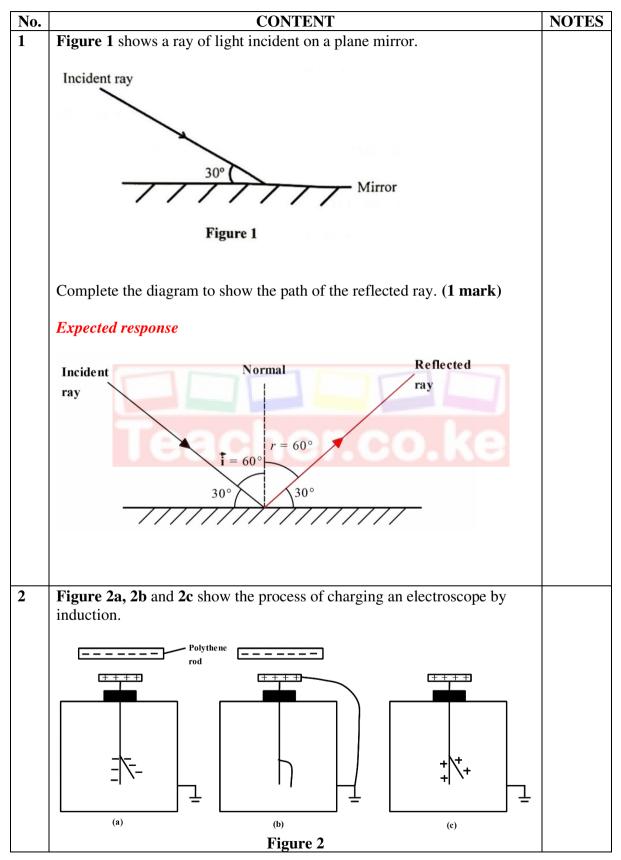


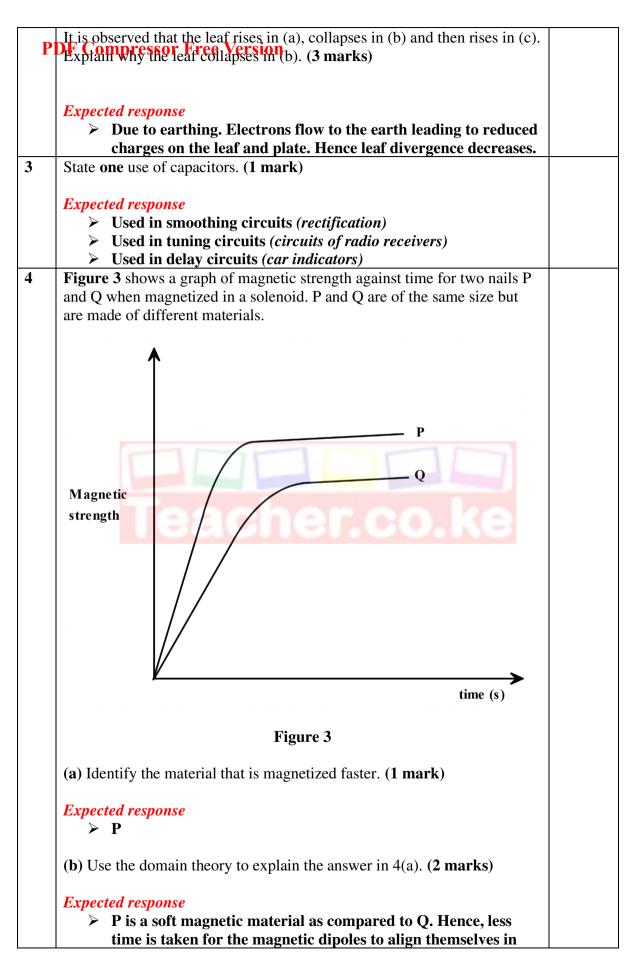




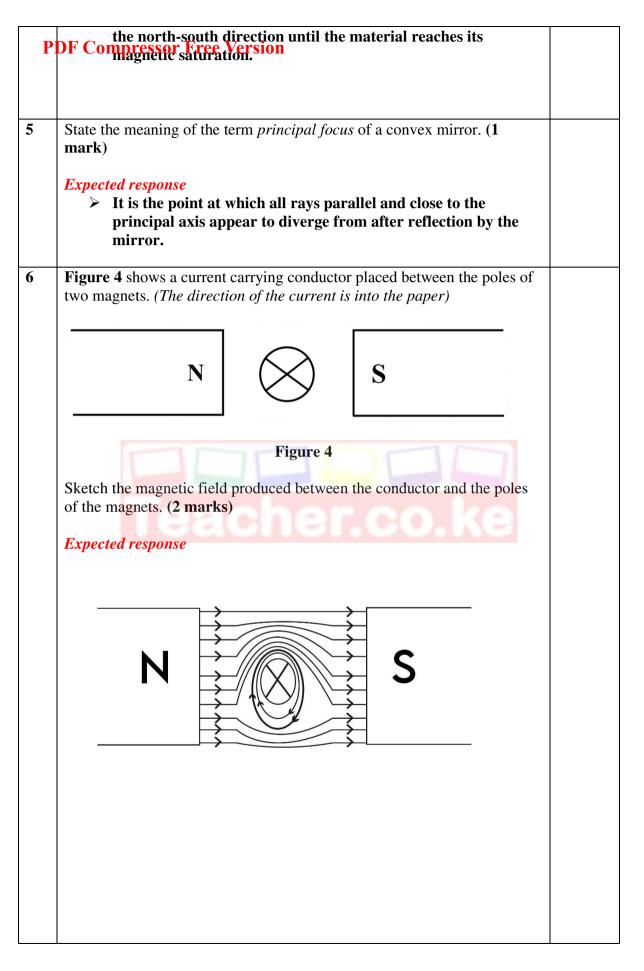
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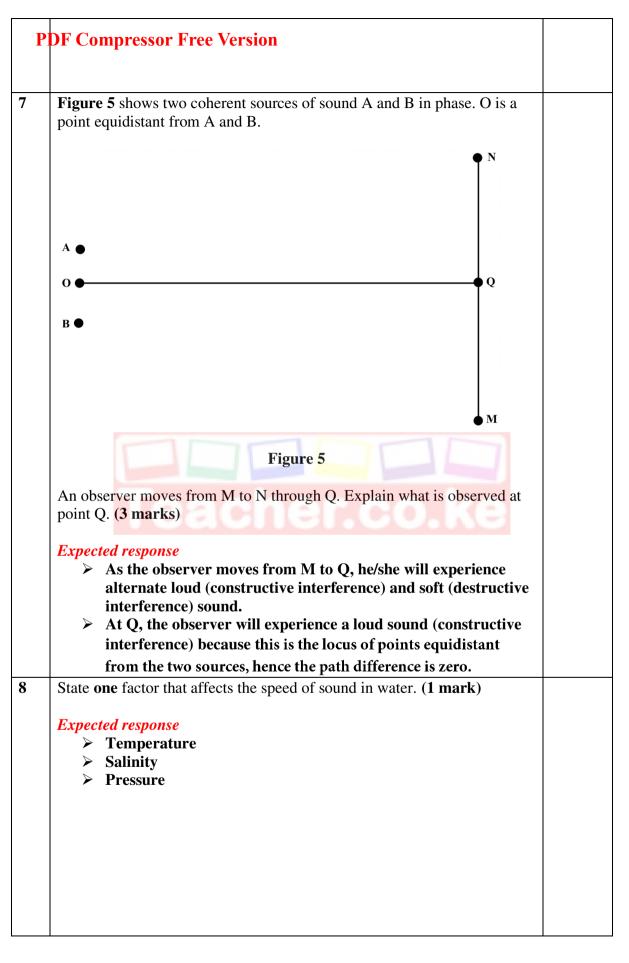




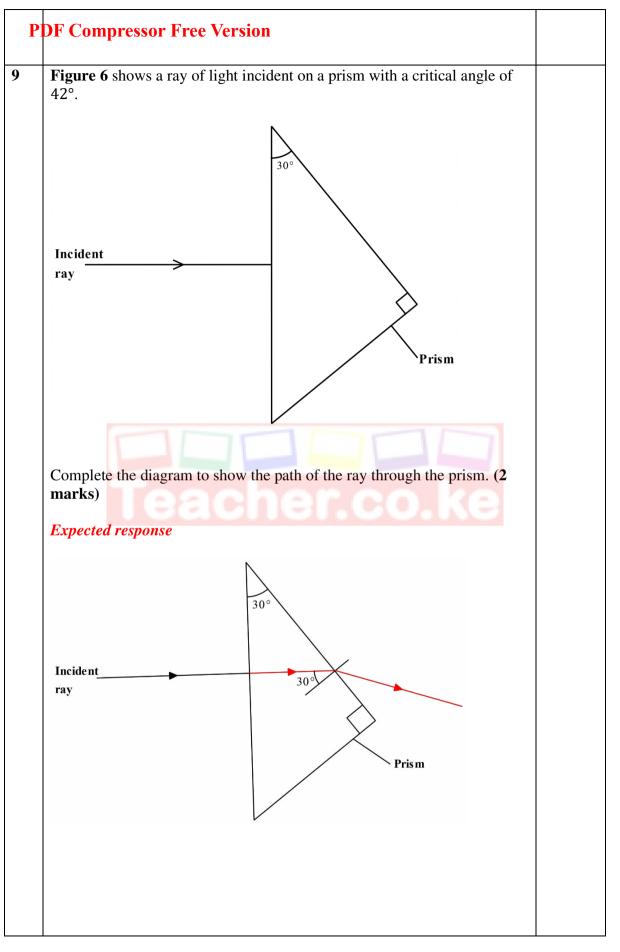




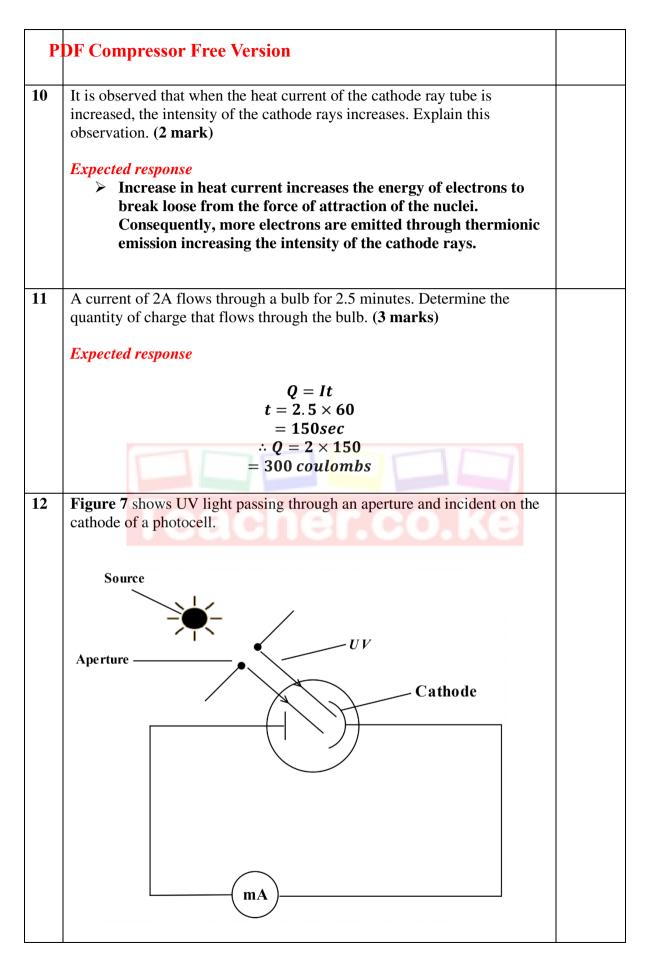














P	Figure 7 DF Compressor Free Version
	(a) State what is observed on the milliammeter when the size of the aperture is increased. (1 mark)
	Expected response > More deflection / Pointer deflects more / Higher deflection
	(b) State the reason for the answer in 12(a). (1 mark)
	 Expected response Increasing the size of the aperture increases the intensity of the UV on the cathode. As a result, more photoelectrons are emitted at the cathode.
3	State the property of radio waves that makes them suitable for use in communication. (1 mark)
	 Expected response They have longest wavelength in the electromagnetic spectrum.

PDF Compressor Free Version SECTION B (55 MARKS)

