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SUBJECT:- PHYSICS

CLASS:- XTH

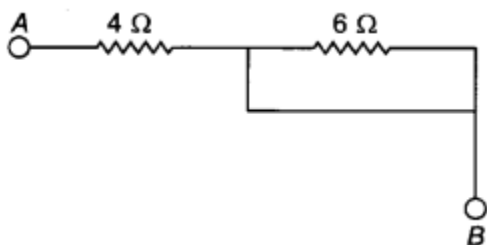
DATE:28/07/XX

SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 1. (ELECTRICITY REVISION) (BASED ON NCERT PATTERN)

1. A cooler of 1500 W, 200 volt and a fan of 500 W, 200 volt are to be used from a household supply. The rating of fuse to be used is  
(a) 2.5 A (b) 5.0 A  
(c) 7.5 A (d) 10 A

2. The effective resistance between A and B is



- (a)  $4\Omega$  (b)  $6\Omega$   
(c) May be  $10\Omega$  (d) Must be  $10\Omega$
3. A current of 1 A is drawn by a filament of an electric bulb. Number of electrons passing through a cross-section of the filament in 16 seconds would be roughly.  
(a)  $10^{20}$  (b)  $10^{16}$   
(c)  $10^{18}$  (d)  $10^{23}$
4. What is the maximum resistance which can be made using five resistors each of  $1/5\Omega$ ?  
(a)  $1/5\Omega$   
(b)  $10\Omega$   
(c)  $5\Omega$   
(d)  $1\Omega$