

热辐射

23 Thermal radiation is part of the electromagnetic spectrum.

What is the name of this region of the spectrum?

- A gamma rays
- B infrared
- C ultraviolet
- D visible light

24 A remote-controlled vehicle is travelling on the surface of a planet. The vehicle senses an obstacle ahead. It sends a radio message to the control room from where it is being controlled. The control room is 2.4×10^8 km away from the vehicle. The control room sends a message back to the vehicle telling it to stop.

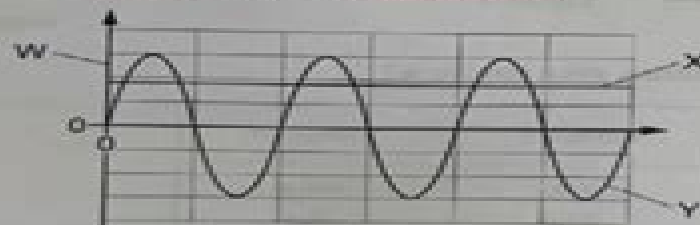
What is the minimum time that elapses between the vehicle sensing the obstacle and receiving the message back from the control room?

- A 8.0 ms
- B 16 ms
- C 8.0 s
- D 16 s

25 Which statement about the direction of a magnetic field at a point is correct?

- ☒ A It is the direction of the force on an N pole placed at that point.
- ☐ B It is the direction of the force on an S pole placed at that point.
- ☐ C It is the direction of the force on a positive charge placed at that point.
- ☐ D It is the direction of the force on a negative charge placed at that point.

26 A student draws graphs of an a.c. supply and a d.c. supply.



Which row shows the correct labels for W, X and Y?

	label of W	a.c. supply	d.c. supply
A	time	X	Y
B	time	Y	X
C	voltage	X	Y
D	voltage	Y	X

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Xtremepapers Physics A Level

**David Sang, Graham Jones, Gurinder
Chadha, Richard Woodside**



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web types of data warehouse architecture there are three approaches to constructing a data warehouse single tier architecture which aims to deduplicate data to minimize the amount of stored data two tier architecture which separates physical data sources from the data warehouse making it incapable of expansion or supporting many end users

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web apr 22 2023 there are 2 approaches for constructing data warehouse top down approach and bottom up approach are explained as below 1 top down approach the essential components are discussed below external sources external source is a source from where data is collected irrespective of the type of data

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web present the organization s information consistently provide a single common data model for all data of interest regardless of the data s source restructure the data so that it makes sense to the business users

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architecture serves the foundation for its implementation in addition to an in depth analysis of data sources data architects cover the processes below to design the data warehouse architecture map data objects into

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web a data warehouse is a type of data management system that is designed to enable and support business intelligence bi activities especially analytics data warehouses are solely intended to perform queries and analysis and often contain large amounts of historical data the data within a data warehouse is usually derived from a wide range of

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web jun 16 2023 used to develop insights and guide decision making via business intelligence bi data warehouses often contain a combination of both current and historical data that has been extracted transformed and loaded etl from several sources including internal and external databases