

**Question: no 1.**

**Assess the role of advanced missile defense systems in the conflict.  
How have systems like Iron Dome or Patriot interceptors altered  
the effectiveness of missile strikes especially in the on going wars  
in the world ?**



# Current Affairs

## Q. NO. 1

### 1. Introduction:

According to SPRI Report 2024, missile defense systems have boosted enormous securities of the nations. missile defense systems play tremendous roles in the conflicts. missile defense systems such as Iron Dome and Patriot intercept, bring deterrence, encourage retaliation, improve balance of power and protect the sovereign territory. Moreover, missile defense systems such as Iron Dome and Patriot have boosted the strikes capabilities of the owner states. Therefore, advanced missile defense systems have been playing tremendous role in the on going wars.



## 2. Role of advanced missile defense systems in wars:

### 1. Intercepts missiles and drones:

Advanced defense systems like Iron Dome intercepts missiles and drones coming from opponent nations. According to SPRI Iron Dome has the capability to intercept short range, long range missiles and drones. Thus, advanced defense systems boost the power of owner states and enable the countries to defend territories.

### 2. Creates deterrence among nations:

Advanced defense systems bring deterrence among nations. One state's capability of missile defense system discourages the opponent. According to Reuters Report 2024 on missile system



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the deterrence among the nations has been seen due to massive technologies. Therefore, defense systems during the war prevents the nations to carry attacks against urbanization regions of the countries.

### 3. Retaliation Capability improved due to missile defense systems:

Nations with advanced missile systems always retaliate against the violators of sovereignty. According to U.S State Department, missile defense system of Iran empowered the country to retaliate against Israel's raid on 13<sup>th</sup> April 2024. In short, advanced missile defense systems improve the capability of retaliation.



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#### 4. Improves balance of power:

Countries with advanced missile defense systems improve the balance of power. Moreover, advanced missile defense systems give capability to the nations to combat. At the time of war, missile systems assist to balance and overcome the threats of opponents.

#### 5. Protects Sovereignty:

Missile defense systems play a key role to protect sovereignty from aggressions. Moreover, it protects the territory from projectiles, missiles and drones coming from enemies. According to Pentagon, missile defense systems have always protected Israel from massive destruction.



### 3. Effectiveness of missile defense systems especially in the on going wars:

#### 1. A case study of Iron Dome:

Iron Dome has been designed to intercept every sort of object in the sky. According to Israeli Army spoke person Denial Hagari, on 7 oct when the Hezbollah launched barrage of missiles towards Israel. Consequently, Iron Dome intercepted more than 5000 missiles. Thus, missile defense systems play tremendous role in the on going wars.

#### 2. The effectiveness of Patriot defense system in Ukraine-Russian war:

Ukraine hosts western made defense systems since the capture of Crimea 2014.



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In the on going conflict between Ukraine and Russia. The Patriot defense system has assisted Ukraine to intercept series of Russian missiles. According to Ukraine's military spoke person, the Patriot defense system has given the capability to Ukraine Air force to push the Russian back to Russian territory.

### 3. Boosts the power of hosting nations:

Advanced missile defense systems boost the power of hosting nations. Firstly, missile defense systems assist to intercept the drones and missiles. Secondly, the system helps to combat the opponents without any fear of attacks.



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#### 4. missile defense system creates deterrence:

missile defense system has created massive deterrence among nations. Israel in the on going war carried raids against Iran's security forces. Soon, Iran retaliated with 300 drones and missiles. Consequently, Israeli defense system intercepted. Israel also retaliated to Iran soon after 13th April. Consequently, Iran also intercepted all the Israeli projectiles. Thus, it has been creating deterrence among the nations.

#### 5. Safeguards the Sovereignty:

missile defense systems have played tremendous role in the on going wars to safe sovereignties of different nations. Moreover, it has been



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assisting the nation states  
 to maintain the existence of  
 the countries.

#### 4. Critical analysis:

missile defense  
 System plays numerous roles  
 in the affairs of the world.  
 Firstly, it boosts the capability  
 of a nation to protect the  
 sovereignty from foreign aggression.  
 Secondly, it brings balance  
 of power among the  
 nations. Moreover, it is one of  
 the most important systems  
 for the nations to  
 protect and exist on  
 the planet. Nations with  
 weak defense systems have  
 always experienced destructions from  
 opponents. Thus, it plays profound  
 roles.



## 5. Conclusion:

In short, missile defense systems are the basic aspects of security against aggressions. Missile defense systems not only ensure the existence of nations but also boost the capability to resist and retaliate.

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