Q: How militarization of space by India is revolutionizing the military affairs of Rhistanz Explain in detail. Attempt on lined loose pages...

Militarization of Space by India and Military Affairs of Pakistan Start with the introduction of the qs

India's attempts to militarize space, especially in recent years, has encouraged country's leadership to articulate how kish and aggressive posture against Pakistan. India is on a mad course to militarize space frontier; such attempts are threatening the peace in Pakistan. Because through militarization of space, India can easily weaponize the space against Pakistani military. Indian Defence Minister has already hinted that space warfake is a privaty area till 2025, and even in past by adopting dubious doctrinal policy of peaceful space defense for a long time Indian military was engaged in exploitation of outer space. This exploita of space led to upper hand of India in hybrid warfare against Pakistani military.

Militarization of Space by Indiaan Imminent threat for Pakistani Military

Patistan and Indian military forces have been horns to horns since independence due to hegemonic policies of India against Pakistani army. Indian advancements in space are strengthening New Dehli's political belief that it can take advantage of its conventional power to carry out conventional operations against Pakistan such as the infamous "Gld start? doctrine (The Nation, Cold start doctrine of India, March 2022). India has always portrayed itself to be not in factor of militarization of space against Pakistan like PNE (Reaceful Nuclear Explosions) in 1974, but cat come out of the bag when Indian PM Narindar Moder on 27 March 2019 confirmed that India had completed ASAT project successfully. As he made this statement one month after Balakot airstrike (26 Feb 2019) so militarization of space by India in times when both countries are bound by tough knots wheepothe destriptions of heading aminent

brief and divide them into subheadings



threat for Pakistani military.

a- Threat to External Security of

Pakistan since 1947, India is aimed at disturbing the border security of Pakistan. Even in modern times, several Indian sources have confirmed that offensive military utilization his the primary goal of space projects like Indian Regional Navigation Schellite System (IRNSS). India had purchased Israeli technology RISAT-2 that is radar-imaging satellite that has boosted India's military capabilities against Pakistan (The Diplomat, India Israel collaboration on space, Sept 2022). New Dehli has signed a \$5.46illio with Moscow to purchase what experts believe are the most modern ballistic missile (BMS) system available, claiming that Islamabad can counter it. According to the report of Guardian of 2018. The Russian weapon system can egage and destroy 36 targets including aroraft, UAVs (Unarmed Aerial Vehicles) and ballistic missiles of Pakistan within 400km at an altitude Too lengthy description. 5-8 lines

are enough.

CS CamScanner

India's Defense Space Research Organization (DSRO) is trying to deceive space potential of Pakistan through military means which is a great security threat for Pair torces.

b. Threat to Sovereignty of Bhiston

It is a big threat and hindrance for Pakista military fores to protect the sovereignty of their homeland when the archival state i.e. India had gone so far in militarizing the space. By militarizing the space, it has become easy for India to counter Patistan in aerial war. India is posing a threat to fighting capabilities of Pak airforces since it can develop its own aerial vehicles because of its space-faring powers. The space burnely rehicles of India like Polar satellite Counch Netucles (PSLV) and Geosynchronous Satellife Counch Vehicle (GISLV) has boosted the military abilities of their air force. This is an impending threat over the heads of Pakistan air forces since the esovereignty breach" of Feb 2019 conducted in Balakot was denghlight the references.

an aerial strike on Pakistani borders. So, the strengthening of Indian airforce due to militarization of space is increasing the threat of sovereignty breach of Pakistan.

c-Threat of Cyber Warfare against

Pakistan

Militarization of space by India through the support of west, portrays an emerging threat for Pakistan's security in the form of upberworfare. India is also collaborating with UAE to exploit space for successfully operating hybrid war against Pakistan. According to reports of cethe Diplomat" in August 2023: India's PSW has launched UAE'S first nano-satellite Nayif-I in order to collect space data. This is an unavoidable threat for Pakistani military since due to this space data, it would become very easy of India to contaminate the minds of youth against army and other institutions by controlling media platforms. It is a threat for military since India was engaged in spreading institutional acquisition syndrome in the released report in early October 2019, according to this report, around 265 coordinated fake local media outlets are serving Indian interest in nearly 65 countries. Their IP address traces back to srivasta Group which is home to New Yellia Times and IINS.

d-Threat to Reputation of Pakistan's military at International level

The rapid militarization of space by India has become a threat to reputation of Pakistan's Military at international level. Indian media alongwith its allied groups operating in other countries are damaging the regulation of Pakistan military forces by portraying their image as dictators and totalitarians of Pakistan. Indian media and Western media has humiliated the democratic system of Pakistan when Pakistan was suffering from political polarization in July 2023 and India was conducting their successful space mission chandhrayan-3 in same dous Their media was blaming Pak Army for this Political instability that led the country towards record breaking inflation. Pakistan military was again criticized when the whole Middle East after chandhroun-3 was collaborating with India to boost up their space programs while during the same time chief of Army staff was negotiating with Poreign investors and MBS of KSA for their investments in Pakistan (The Economic Times, Pakistan COAS negotiating with investors, Sept 2023)

e-Threat of Pakistan-India Nuclear Stand

Pakistan's nuclear deterrance against India is strong enough to counter any war abged by India but the militarization of space by India has enabled it in selective function of nuclear command and control systems to counter Pakistan's nuclear deterrance. Indian tactical nuclear weapons may increase the liklihood that the future conflict on Pakistani territory will go nuclear. (Toby Dalton, Risk of Pakistan-India nuclear stand off, May 246)

The Islamab Policy Institution on the occasion of 23rd anniversory of 1998 nuclear tests, reiterale their concerns about ec tenuous? strategic stabili of region and India's aggressive posture including its plans for disarming peremptive strikes against Patistan's nucleur arsend. India is working on 4th generation GSAT that will help the indian forces in developing nuclear submarines. In order to speed up their space Projects, India has collaborated with Israel that is a big threat of Patistan India nuclear stand-off since in past Rhistan Received a number of intelligence reports during 1983 to 85 that India was preparing to plan an attack on kaputa with help of Israel. Among files , reported by Hindustan Times , missing from Indra Grandhi's office Lengthy was entitled as ce Attack on Kahuta 1920 scripti (Abdul Sattar, Pakistan's foreign Policy 1947-2005, 2007) So, in this way India is making efforts to make itself strong against Pakistans nuclear deterrance for that it strengthenin its nuclear weapons by militarizing the space and is thus increasing threat of Pakistan

Impact of Militarization of Space by India on Revolutionizing the Military affairs of Pakistan

This is alarming threat for Pakistan military forces that the archrival state i.e. India is exploiting space against Pakistani military, with the help of western countries as well as Israel. The close alliance of India with Israel on space Projects, against Pakistani military, is posing immine threat to Pakistan army due to which they are trying to revolutionize the military offairs of Pakistan, According to Amna Rafig's research article Militarization of space by India and Israel in 2019: Israel accospace Industries [IAI] signed a memor notum of understanding(Mou) with Hindustan Heronautics Limited (HAL) in 2019. The main objective of this strategic partnership is the transfer of local technologies and the provision of 100 Heron TPUAUs to India. Unfortunately, Pakistan lacks for behind in space projects but due to threat of militarization of space by India, Patistan military forces are trying to revolutionize their fighter jets and combat avrial

revolutionizing the aerial vehicles in order to compete India's modern aerial vehicles which India has gained due to exploitation of space. Pakistan navy has recently inducted state-of-the-art tactical winanned aerial vehicle (VAVs) along with marriane patrol aircraft with the ain of entancing its apabilities. Following are some more efforts that Pakistan military forces are making with aeronautical engineers of Pakistan Aeronautical Complex KAMRA to revolutionize the fighter jets:_

a- Pakistani Drone Enily Similar to Rutan Long.

Turkey and Middle East like KSA released statements applauding aeronautical engineers of KAMRA for developing "indigenous" done that's strikingly reminiscent of popular long-EZ design by Burt Rutan in 1770. This shows the efforts of Patistan military in revolutionizing their combating aerial vehicles.

No need to write full

Indigenuous MFI-17 Suparagraphs ponthese. Use them as references ain craft:

Pakistan is in the process of retrofitting its fleet of Super Mushshak training aircraft with new intelligence, surveillance and reconnaiss

capabilities and light weight laser guided munition. PAC is upgrading the training aircraftor use in counterinsurgency (COIN) operations. Pakistan military is forming alliance with Turkey to counter alliance of India and Israel for defence purposes. Pakistan has delivered indigeneously developed MFI-17 to key ally Turkey (Al-Jazeera, Pak-Turk alliance, November 2022).

C-Ballistic Missile rapable of carrying both nuclear and conventional warheads:

of ballistic missile apable of arrying both nuclear and conventional warheads, upto 1500 kilometers (Al-Jazeera, Shaheen-II of Pakisten, May 2019). This was a strict response to Indian forces that had conducted so-called Balakot airstrike in Feb 2019, and after training launch of this ballistic missile the Pakistan military responded sovereignty overch of Feb 2019 in his statement as: "The training launch was aimed at ensuring operational reading of Army strategic Forces Command?"

d-JF-17 Fighter Jets - Backbone of Pakistan Air force

The design and development of fighter aircraft is a cutting-edge niche apability exclusive to a few nations. The philosophy behind JF-17 was to develop light weight, single-engine, multi-role combat air craft. The successful execution of PAFs eapa+ response against India on teb 27,2019, in post-Pulwama skirmish, has earned JF-17 accolades for a proven battle-tested machine (Dawn, success of JF-17, Harch 2019). JF-17 Blak 3, evolved into an advanced fighter jet, has ability to compete Us' Falcon F16 Viper.

e- J-10C Fighter Jets that can counter Indian Dassault Rafale

J-10°C fighter jets are made on principle of Reverse Engineering due to which it has capability to counter Indian Dissault Rafale that is more expensive (\$100million) and less efficient than J-10°C. So, in this way Patistan military forces are working on more efficient and less expensive defence projects to counter India's more expensive and less efficient weapons. Even these fighter jets are

so efficient that they can even counter's one of most F16 Viper of lockheedthat are the advanced martin fighter jets of the world.

f- Pakistan's Falcon F-16_More advanced than JF-17

The Pakistani F-16 A/B are all Block 15 aircrafts and are powered by fratt and whitney F100-PN-200 turbofan. These fighter jets we move advanced aircrafts than J-F17, win a longer range and greater payload capacity than JF-17. Since JE17 was capable enough to counter fighter jets manactured by lockheed Marain, thus F-16 fighter jets have upgraded the military capabilities of PAF upto next level.

9-Pakistan Army's Surface to Air Missile (SAM)
Systems that can Counter Militarization
of Space by India
Although the militarization of space by
India has threatened the Pakistan
military forces regarding ordernal
security, but Pakistan army's SAM
Systems are strong enough to protect

their homeland.

· HIMAIS

The High-to-Medium Air Defence System is the HO-9/P long-range SAM that has a range of 100 km within which it can intercept any aircraft and cruise missiles.

· LOMAUS

The low-to-to-declium Air Defence System consists of two SAM i.e. the LY-80 and the LY-80 EV. The LY-80 uses a semi-active RADAR homing quidance system that has enhanced LOMANS capability of defence against India. Work on the

THOUGHTS answer. The answer. The The militarization of space by Tanswer, is dengerous threat to Pakistan's militarization affect your time likistan army is focussed on repolationizing ment. Their weapons and defence systems to shouten it a any begenning of Indian mittaribit. Through all these efforts, military forces have secured the land of Bristan against India uptil now and will constantly revolutionize their arms against hypocrite measures

of Indian military to (vero) weaponize the

Information and the headings
quality part!!

