**A. (Normal questions to prepare the candidate for the interview eg:)**

**Ur answers should reflect intelligence(knowledge)/ OLQ**

How was your stay in the candidate lines ? How is the food and accomodation

The stay was perfect, I enjoyed the games and sports, accomodation was also good

> Which place you a re coming from and tell me something about that place?

Geography,history, demography ,economy , social and cultural aspects

A> Sir I am from kashipur , it is a small town in us nagar, 51km northeast to moradabad. population of 3.20 lakhs and area 5.5 sq km.

> Describe your journey in 5 sentences

sir I departed from chennai at 7pm, reached kolkata 12am, travelled to sealdah

I crossed states

Reaching kolkata I observed a new culture

stayed at xyz

at ssb back to army ways

> Tell five things about your native place?

My native place is kashipur

Its area 5.5 sqkm and population of about 1.21 lakhs.

Major occupation in kashipur are farming , contractors for construction of homes and other small occupations .

The nearest big city is moradabad 51 km south to kashipur .

Places to visit here are very limited including ruins of dronacharya palace , Moteshwar temple , chaiti mela ( for 1 month )

> About uttarakhand:

district: 13

**Name the largest and smallest districts in Uttarakhand by area.**  
→ Largest: Uttarkashi  
→ Smallest: Champawat

**In which year was Uttarakhand formed?**  
→ 2000 (on 9th November)

**Who is the Governor of Uttarakhand?**  
→ Lt. Gen. Gurmit Singh (Retd.)

* **How many Lok Sabha and Rajya Sabha seats does Uttarakhand have?**  
  → Lok Sabha: 5, Rajya Sabha: 3

**What are the Char Dham pilgrimage sites in Uttarakhand?**  
→ Yamunotri, Gangotri, Kedarnath, Badrinath

* **What is the significance of Kedarnath and Badrinath?**  
  → Kedarnath: One of the 12 Jyotirlingas of Shiva  
  → Badrinath: One of the 108 Divya Desams of Vishnu

**What is the Valley of Flowers known for?**  
→ Alpine flowers and biodiversity; UNESCO World Heritage Site

**Name a few important glaciers and peaks in Uttarakhand.**  
→ Glaciers: Gangotri, Pindari, Milam  
→ Peaks: Nanda Devi, Trisul, Kedarnath Peak

**Name the major rivers flowing through Uttarakhand.**  
→ Ganga, Yamuna, Alaknanda, Bhagirathi, Tons, Mandakini

* **Which river originates from Gangotri Glacier?**  
  → Bhagirathi River (which later becomes Ganga)

### 🌊 ****1. Alaknanda River****

* **Origin**: Satopanth Glacier near Badrinath (Chamoli district)
* **Tributaries**: Dhauli Ganga, Nandakini, Pindar, Mandakini, and Bhagirathi
* **Joins with**: Bhagirathi at **Devprayag** to form the **Ganga River**
* **Significance**: Major Himalayan river and one of the two main headstreams of the Ganga

### 🌊 ****2. Bhagirathi River****

* **Origin**: **Gangotri Glacier** at **Gomukh** in Uttarkashi district
* **Named after**: King Bhagirath, who according to Hindu mythology brought the Ganga from heaven
* **Joins with**: Alaknanda at **Devprayag**
* **Spiritual Importance**: Considered the main stream of Ganga in mythology

### 🌁 ****3. Devprayag****

* **Location**: Confluence (sangam) of **Alaknanda** and **Bhagirathi**
* **District**: Tehri Garhwal, Uttarakhand
* **Meaning**: Dev = God, Prayag = Confluence
* **Importance**: The **Ganga River officially begins** here after Alaknanda and Bhagirathi merge
* **Pilgrimage Site**: Part of the **Panch Prayag** (five sacred confluences in Uttarakhand)

### 🌁 ****4. Rudraprayag****

* **Location**: Confluence of **Alaknanda** and **Mandakini** Rivers
* **District**: Rudraprayag district, Uttarakhand
* **Named after**: Lord Shiva (Rudra is a form of Shiva)
* **Importance**: One of the **Panch Prayags** and a key pilgrimage spot en route to Kedarnath

### 🕉️ ****Summary Table:****

| Place | Confluence of | Significance |
| --- | --- | --- |
| **Devprayag** | Alaknanda + Bhagirathi | Formation of the **Ganga River** |
| **Rudraprayag** | Alaknanda + Mandakini | One of the **Panch Prayag**; spiritual site |

> What is kashi famous for?

Kashi, also known as Varanasi, is famous for its rich spiritual and cultural heritage, particularly its many temples and ghats along the Ganges River. It's a major pilgrimage site for Hindus and is considered one of the holiest cities in Hinduism.

> Chennai

**Capital of Tamil Nadu**: Chennai is the capital city of the Indian state of Tamil Nadu and one of the largest cultural, economic, and educational centers in South India.

1. **Coastal City**: Located on the **Coromandel Coast** of the Bay of Bengal, Chennai is known for its famous **Marina Beach**, which is one of the longest urban beaches in the world.
2. **Cultural Hub**: It is a major center for **Carnatic music**, **Bharatanatyam dance**, and **Tamil cinema (Kollywood)**. The city hosts the annual Chennai Music Season, a major cultural event.
3. **Industrial and IT Hub**: Chennai has a strong industrial base in the automobile, software services, hardware manufacturing, and health care sectors. It is often referred to as the **“Detroit of India”** due to its large automobile industry.
4. **Historic and Religious Sites**: The city is home to historic landmarks like **Fort St. George**, **Kapaleeshwarar Temple**, and **San Thome Basilica**, reflecting its colonial past and religious diversity.
5. OTA chennai, MAA airport
6. CM : Mr MK Stalin, DMK. MP: thamizhachi thangapandian

**NOTE that the rapid fire questions include section B , C , D , F AND ARE DENOTED BY NUMBERING 1 TO n . some cross questions are also present below it you can ask them in middle when the candidate is answering or after the candidate has answered. If the candidate has forgotten some questions , ask them separately after .**

**B. Questions on Educational Background:-( modify the questions in terms of language as well as their sequence )**

**( you can also later or in between cross question as given below to confirm few things and then ask to continue answering all questions to check the retentive skills during rapid fire )**

1. Choice of subjects in 11th and graduation and why?

I chose PCM + cs as my subjects, advise from my father chose PCM, CS. I chose CS after exploring diff subjects& discussing with my teachers

1. your marks from class 8th onwards ?

10th 10 cgpa, 11th 89.9 percent , 12th 92.8 percent grad= 91.3%

1. Which subject did you like more and why?

I like DSA , it built my pblm solving skills. We solvea given pblm by coding. Rankings & competition. Most valued skill for a good SDE.

1. Which subject you did not like and why?

System software was 1 subject I disliked: theoretical subject, outdated, assembly lvl code, outdated

1. Co curricular activities participated and Achievements if any

HSBC Cricket & football tournament 2024

Interarmy school quiz competition for 2 years

Inter house level quiz for 4 years

School exhibition for 4 years

Organised several events under our teachers like……

at individual level took part in annual function drama ,choir group ,etc

1. Which teacher did you like most and why?

I liked all my teachers, each one had unique quality, something special to learn from. Some teachers were strict that taught us discipline, some were open to give students opportunity. Some supportive that knew this sub was not imp & give time to do DSA.

1. Which teacher you don’t like and why?

None, I was a good student, liked by all teachers

1. Competitive exams after 12th and results

I appeared for Jee thrice I scored 85.84 , 91.3 , 94.1 percentile cleared NDA 4times, CDS twice, CAT 90

1. other career options

TGC

CAT > mba> manager , what if u don’t pass in CAT( checking my resilience)> I will again appear, also apply for other MBA exams XAT

SDE at amazon

1. tell me something about your Friends circle

I have been changing places so not a big friend circle but my prominent friends include mukul, naval from schooldays to pune. Shivansh, viraj phate from HSBC. Here in chennai I have arjun, richard, roshini office colleagues I spend most of my time with.

1. about your best friend : Naval, Mukul are my best friends

shivansh: spent 7mths with him. Together learning. We were top 3 of global hsbc grads. In cricket he was opposite. My partner in crime. Share best coding practices. I share my DSA knowledge with him, he shared development.

Naval: meritorious, excellent programmer. Good advisor

Mukul: army brat like me: good sde, great sportsman & helpful

**CROSS QUESTIONS AFTER OR IN MIDDLE OF RAPID FIRE when the candidate is answering –**

Tell me all something interesting about your school and college

My school apd hempur is 14 km from my home , it is located next to RVC Area, horses

strength is around 600 students and 40 staff , formed in 1990

my college GEU is the best college in UK after iit rorkee , nirf ranking of 65 , fees is around 8lakhs for 4 years . Various courses and specializations are available

would u switch? As long as my work creates impact, I am learning skills & I am able to manage my expenses , I would continue in the same company, however If I would leave it I would be for google.

**Why is there some drop in studies between 12th and graduation.**

took a drop after 12th because my father wanted me to do BTECH but to get a good college u need jee score. I wasn’t much aware in tech in my family. So we decided to drop.

**Why u could not crack one?**

I gave everything in my drop year: improved fro 84 → 90 → 94 percentile, cracked NDA written twice but it wasn’t enough to get me CS in a good NIT. I continued working hard & got offers from HSBC & amazon. GB pant but placements bad. Hence chose GEU

**But u could have got GEU anyday?**

Yeah but was not getting desired branch in most college eg in NITs, AIT. GB pant had poor placements. I was the sole one searching while my father was in belgaum that time. We thought NIRF as better criteria hence chose GEU.

Whether you have chosen a particular branch of study on your own or

your parents asked you to do so?

I took advise from my father in class 11th

Why didn’t you join JEE coaching before class 12th

We did not have much idea about engineering in my family, everyone was from army, even in my school. Hence didn’t know anything about it.

Why did you join a private college after dropping for an year

Why could not score good marks in JEE

1. In my 11th and 12th I just studied related to boards and nothing beyond  
2 Even while attending coaching i was running for my dream to become army officer. I was shortlisted 4 times for SSB. I went for SSB twice .  
3 Biggest reason was I developed an illness , its treatment took 1.5 months of my jee preparation. Thiugh I never missed a single class during that period , I fell short of time.

Sir I scored air 64100 and I was getting numerous govt college including gb pant , AIT Pune however out of them GEU was the best ranked in terms of NIRF and academics

ARE you happy with your college?

Yes sir it is one of the best colleges, freiends are amazing, the teachers always sought to resolve the query and they also

**C. Questions on FAMILY BACKGROUND :-( modify the questions in terms of language as well as their sequence )**

1. Tell me something about your family , the members of your family , their education , occupation, income

In our family there are 4 members me ,my father , mother and my sister

my father retired hony captain in the indian army , he has done BA ,his income is 50000 , my mother is a housewife , she has done BA , my sister is currently studying

1. Your participation in the activities at home

I have been mostly away but when I go, I do brooming ,wash utensils sometimes , dressing of the house , technical works like booking tickets , electricity bill , atm , bank work ,etc

1. if you face any problem whom would you approach In your family

I usually approach my mother because nowdays my father rarely gets free time, however for technical problems I wait and contact him .

1. I want to know about your friends in neighbourhood and how you spend time with them

In my neighburhood my friends include some seniors and juniors , eg vicky, ayush ,shashank ,amit , shailesh, manish , ankush we all play cricket . Now mostly its ayush khantwal, neighbor saniya.

1. Investment: investment in stocks, mutual funds, FDs
2. f
3. f

**CROSS QUESTIONS AFTER OR IN MIDDLE OF RAPID FIRE when the candidate is answering –**

Tell me your monthly expenditure

8500 PG

1100 EB

2000 Food & misc

**D. Questions on HOBBIES , ROUTINE:-( modify the questions in terms of language as well as their sequence )**

What is your hobby?

Diary writing, used to keep track of my daily activities, home workout, upskilling,

Why you have chosen this hobby and For how long are you pursuing this hobby?

1, 2,

I have chosen this hobby to overcome my thin physique First hobby for 3 months

What are the things that you have learnt from your hobby?

Determination for exercises , meet new ppl in park

How do you use the internet ?

Payments, recharges here & home

DO you use social media ?

Yes sir I use social media for maintaining contact with friends, for cherishing old memories with them as well as coming across lost old friends and for Knowledge purpose rg ssbcraack , News channels , UPSC related channels

Tell me your routine on a working day and on a normal day

Also tell me the games and sports you have participated

sir I have participated in cricket , I used to play football till class 9th but left it , sometimes badminton also

**CROSS QUESTIONS AFTER OR IN MIDDLE OF RAPID FIRE when the candidate is answering –**

what difference have you seen in yourself since the time you started following this hobby

more muscles , more determined towards work , hunger to increase

Tell me your speed of cycling

20 kmph avaerage , max speed of 25kmph

what all physical excerscises do you do

at home I do 20 inclined pushups, 10 normal pushups , 10 wide arm pushups , 20 knee pushups , stretching

Tell me the timings of your hobbies

15 min to exercises at home and 50min to that at park , 15 minutes of cycling

Do you have a girlfriend , if not why not?

No sir I did have many friends who were girl. I am looking for stability in my career before dating a girl

Thanks to u & ssb that I had that personality & confidence to impress anyone

Why did you leave playing football

Left football as I lacked interest , found cricket better , football was less played in schoolm and surrounding but not cricket , so left it , but still play if get opportunity

Tell me about cricket in 5 sentences

c11 players Batsmen bowler, keeper , fielder played in a stadiun at different levels

it has different formats like t20 odi and test

ICC makes rules for it

**E. QUESTIONS ON SSB attempts:**

Reasons for not getting recommended in the last attempt?

1. I am a less speaker, more listener. Could not present myself well during GTO & hence was rejected
2. even during PGT couldn’t give much ideas .

How did you prepare for this SSB ?

Introspected , started being with lively & participated in discussions . Gained confidence by participating in discussions & activities .

Incuclated reading habits.

Practiced speaking in infront of mirror

**F. ABOUT family**

FATHER

1. Tell me something about your father his occupation , regiment , etc

My father is Captain in the army . He has been serving for 34 years . He is in garhwal regiment.

1. tell me his 3 strengths and weaknesses

He is a leader, he brings change. He stood up for elections to improve the condition of our society

He his hardworking , his was earlier from a remote village , he but his hardworked helped him join the indian army at the age of 17.

Socially adaptable – He has self confidence . He can easily dissolve in any environment

He is lively and always volunteering for work he never gets tired

weakness--- HE has no weakness . He is bad at bargaining. Even my mom says this.

1. what all have you learnt from your father

I have seen to make friends in new place

to respect seniors and juniors

Confidence like him

1. what your father would like you to improve upon

He wants me to focus more on job & less on ssb, that’s what I hear from him mostly. He has seen me getting rejected enough, I am doing more than enough so he wants me to continue corporate.

MOTHER

1. Tell me about her 3 strengths and weaknesses

she is selfless. – She often puts her family's needs ahead of her own, without hesitation.

She – Managing home, kids, work, and life — all at once — with remarkable efficiency.

Wise. She has not tech konwledge but is wise with life decision.

weakness : she is too much caring towards me

1. what all have you learnt from your her

to maintain work life balance

to respect others

to always volunteer for work

1. what your mother would like you to improve upon  
   take care of work hours, spend more time outside

SISTER

1. Tell me about her 3 strengths and weaknesses

Strengths –

Intelligent , hardworking , confident (anchored farewell)

weakness –

Nothing, she is as mischievous as me

1. what all have you learnt from your her

Peer programming. She motivates me to get into amazon. I kept on applying & got one.

**G. MISCELLANEOUS QUESTIONS**

Tell me your 3 strengths and 3 weaknesses :

**Strength**--

I am diligent. I have excelled wherever I went. In school I was always in top3 till college, I secured placement in top coy. In coding I was in top 6%.

Organised person, follow routine giving time to job, family, exercise, studies. Amazon has disrupted it but still going on

good team mbr & team lead, I led my team to hackathon victory, quarterfinals, disc captain

**weakness** –

Even though I am very good with people, I believer that I am less expressive as I tend to speak less.

Bad at general awareness

**> Why do you want to join indian army**

I Closed my eyes & saw this as ans :

**2 reasons**

1> I want to have those qualities in my life that an army officer has. we get to solve pblms ground. We have the opportunity to lead several people, we have learnings, the impact we can create is huge. Also Adventures traveling to different places, exposure. pride honor ,respect. That I can never achieve as a s/w developer.

2> I would like to contribute to the defence forces with my skills & abilities as a soldier & as an engineer. software development is my expertise, skilled engineers like me could be crucial for modernization & tackling threats like cybersecurity, AI, better websites, scalability and also as a soldier

3>

Why don’t u join IAS, IPS ? **Aim is to** see ur motivation towards army: don’t say IAS exam is too hard (shows u r lazy/low confident). Go the algorithmic way, see how IAS is diff from army.

Those are great jobs but don’t match my background. Army offers more diverse opportunities than that. It is more related to expericence with ppl. my father has been in army, I have grown in cant areas, saw officers during functions,etc so more motivation towards that.

**> Why did you apply for indian navy then**

I took it as an opportunity because my aim is to join the defence forces either I join army , navy my aim is fulfilled

> When did you first thought of joining the defence forces

When I was 4th class I first thought of it then in class 6th I applied for RMS examthough I failed .

> Did you take coaching for SSB

NO coaching in recent, however I took coaching from major kalsis baalnoi academy 3 years ago

> Tell me how the ssb coaching helped you

It gave me clarity over the tests of the ssb

In terms of personality development, yes it did ignited a spark within me about improvement . It gave me exposure bcoz for 1st time away from family   
  
> Demerits   
Did not help much in gto tasks, it was main reason I joined. Today I feel that now I have excess to more resources through telegram groups, you tube, google apps for free

> Why should we select you

Because I am responsible, I have held responsibilities in schooldays

I am determined

Tell me about the pros and cons of joining the defence forces

pros – opportunities , adventure ,senios and juniors to help

cosns-- nothing it depends on your mentality

How Many friends have you made this ssb?

Almost all and I am planningto create a wapp group

IF god comes and gives you 2 boons what will you ask?

Nothing I will thank him for making me this good

If god says he will remove your one shortcoming which one will you remove ?

**H. ON CURRENT AFFAIRS and general knowledge**

Tell me 5 National and 5 international news

National –

language war

international

israel iran conflict

ukraine-russia war

us role in global conflict

Tell me some 5 latest news relating to Indian army

Quen on army : <https://en.wikipedia.org/wiki/Indian_Army> , <https://en.wikipedia.org/wiki/List_of_regiments_of_the_Indian_Army>

quen on navy : <https://en.wikipedia.org/wiki/Indian_Navy>

que on airforce : <https://en.wikipedia.org/wiki/Indian_Air_Force>

**which regiment would u like to join ?**

**choice1**> core of signals coz it matches my background. I will be better contributor with my skills

[**https://www.usiofindia.org/publication-journal/future-role-and-shape-of-corps-of-signals.html**](https://www.usiofindia.org/publication-journal/future-role-and-shape-of-corps-of-signals.html)

contribute in computers AI, cybersecurity, etc

https://en.wikipedia.org/wiki/Indian\_Army\_Corps\_of\_Signals

for navy : http://en.wikipedia.org/wiki/Indian\_Navy

**choice2**> father’s regiment bcos that has been a parent to me. childhood memories associated with this (I know the most about it major wars, famous personalities, memorials gaabar singh camp,jaswant dwar, surjan auditorium, darwan sangrahalaya)

https://en.wikipedia.org/wiki/Garhwal\_Rifles

WW21942

Sino-Indian War of 1962 : battle of nuranang

indo pak 1965 war

1971 war

1999 kargil war

17 garhwal rifles, point 5285 Capt Jintu Gogoi,

18 garhwal rifles, point 4700: capt sumeet roy

colonel of regiment: NS raja subramani

2008-13 spent my childhood through this, army has been involved in diff ways, exhibition, events like drawing competition, treasure hunt(2012) . on every events, get together, celebrating festivals as a family, attending football tournaments has shaped my childhood and made me choose that.(USE terms like DICE Stadium , garhwal cup, Gabbar singh camp, etc)

military school, getting prizes from officers, investiture ceremony. Getting to see them every event , respect, pride.

Who is that person holding rifle in garhwal rifles? I think he is rifle jaswant singh 1962 war.

I. Technical questn :

If he asks any tech que , also tell him in which class did u study . this show that in case u forgot , u know where to find exact reference . eg Archimedes in class 9th & 11th

>OK I HAVE ASKED YOU ENOUGH QUESTIONs , ANY QUESTION FROM YOUR SIDE?

Yes sir :

>Any tips u would like to give me so that I am able to adapt to the std of academy.

> which regiment u are from, what are roles & responsibilities when u joined as a lieutenant

> Also any feedback if feasible for the intervew.

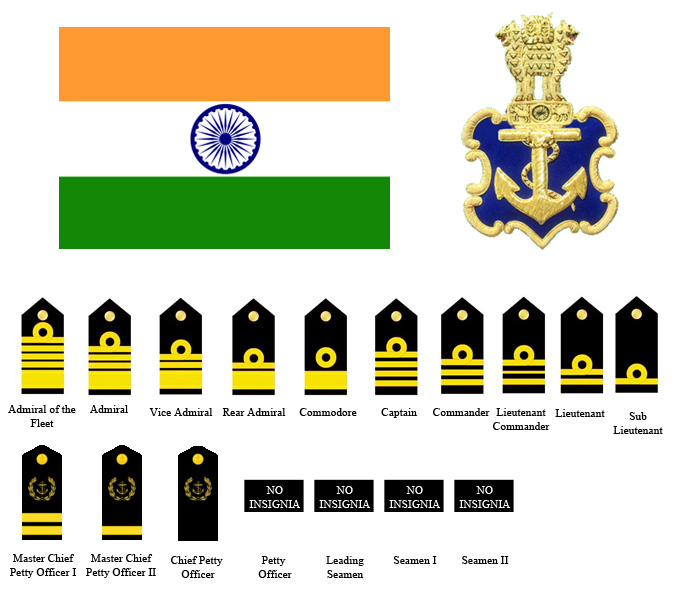
**Why not SSC?**

Sir I want to opt for military as a full time career. SSC entry is usually meant for those who want to serve in military for exp & then join corporate.

**why should army select me** and why I want to join army, I want to modernise army, 8 want to introduce tech in army as à lieutenant 8 have opportunity 5o directly affect the jcos and ors that I work with. Improve their lives. Just like aIas wants to help poor I help my men

Just like pvt, even army wants that what someone brings to the table.

Knowledge:



**about navy:**

**Who was the first Indian Chief of Naval Staff (CNS)?**  
Ans: Vice Admiral R. D. Katari

* **Who is the present Chief of Naval Staff (as of 2025)?**  
  Ans: Admiral Dinesh K Tripathi (Check latest in case of recent change) Trick: navy → south → dinesh kartik tamilnadu DKT
* **Vice Chief of the Naval Staff** Vice Admiral Krishna Swaminathan, AVSM, VSM[116]
* **What is the motto of the Indian Navy?**  
  Ans: "Shaṁ No Varunaḥ" (May the Lord of the Water be auspicious unto us)
* **When is Navy Day celebrated in India?**  
  Ans: 4th December
* **Why is Navy Day celebrated on December 4?**  
  Ans: To commemorate Operation Trident during the 1971 Indo-Pak War
* **What was Operation Trident?**  
  Ans: A naval offensive on Karachi harbor during the 1971 war
* **What are the three commands of the Indian Navy?**  
  Ans: Western (Mumbai), Eastern (Visakhapatnam), Southern (Kochi)
* **What is the name of India’s first aircraft carrier?**  
  Ans: INS Vikrant (R11), British-origin
* **Name India’s indigenously built aircraft carrier.**  
  Ans: INS Vikrant (IAC-1), commissioned in 2022
* **Which is the current active aircraft carrier of India?**  
  Ans: INS Vikramaditya and INS Vikrant
* **Which is India's first nuclear-powered submarine?**  
  Ans: INS Chakra (leased from Russia)
* **Which is India's first indigenous nuclear submarine?**  
  Ans: INS Arihant
* **What is the rank of the highest officer in the Indian Navy?**  
  Ans: Admiral (4-star rank)
* **What is the naval equivalent of Field Marshal (5-star rank)?**  
  Ans: Admiral of the Fleet (never awarded in India yet)
* **Name the major naval exercises India participates in.**  
  Ans: Malabar (with USA, Japan, Australia), MILAN, VARUNA (with France), INDRA (with Russia)
* **What is the name of the Indian Navy’s special forces unit?**  
  Ans: MARCOS (Marine Commandos)
* **What is the name of India's first Scorpene-class submarine?**  
  Ans: INS Kalvari
* **Name any two active destroyers of the Indian Navy.**  
  Ans: INS Kolkata, INS Visakhapatnam
* **What are frigates used for in the Navy?**  
  Ans: Escort missions, anti-submarine warfare, and air defense
* **Which shipyard built the INS Vikrant (IAC-1)?**  
  Ans: Cochin Shipyard Limited

### 🪖 ****Branches of the Indian Navy****

Equivalent to Army corps or arms:

1. **Executive Branch** – Warfare, navigation, pilot, submariner, etc.
2. **Engineering Branch** – Ship and submarine maintenance
3. **Electrical Branch** – Electronic systems, radars, weapons control
4. **Education Branch** – Instruction and academics
5. **Logistics Branch** – Supplies, material management
6. **Medical Branch** – Naval doctors and medical officers

### 🛰️ ****Naval Aviation****

* **Aircraft Carried**: MiG-29K, P-8I Poseidon (maritime patrol), Dornier, ALH Dhruv
* **Helicopters**: Sea King, MH-60R (new induction), Kamov Ka-28/31

Warship in navy :

In naval terminology, the word **"class"** refers to a **group of ships built to the same design or blueprint**. Ships in the same class have similar:

### 🛳️ ****1. Aircraft Carriers (2 in service)****

| Ship | Class | Origin | Commissioned |
| --- | --- | --- | --- |
| **INS Vikramaditya** | Kiev-Class (modified) | Russia | 2013 |
| **INS Vikrant** | Indigenous Aircraft Carrier-1 (IAC-1) | India | 2022 |

* **Role**: Power projection, naval air operations
* **Aircraft**: MiG-29K fighters, Kamov & MH-60R helicopters

### 🚀 ****2. Destroyers (11 in service)****

**Heavily armed surface combatants: (Kolkata board, vizag board, delhi board)**

**anti submarine, anti aircraft, surface to air missile, big in size**

#### 🔹 ****Kolkata-Class (Project 15A) (KKC)****

* **INS Kolkata**
* **INS Kochi**
* **INS Chennai**

#### 🔹 ****Visakhapatnam-Class (Project 15B) (VIMS)****

* **INS Visakhapatnam**
* **INS Mormugao**
* **INS Imphal** (commissioned 2023)
* **INS Surat** (under trials)

#### 🔹 ****Delhi-Class (Project 15) (DMM)****

* **INS Delhi**
* **INS Mysore**
* **INS Mumbai**
* **Weapons**: BrahMos, Barak-8, torpedoes, guns
* **Origin**: Indigenous (except Mysore – Russian help)

### ⚔️ ****3. Frigates (15+ in service) ( named on geographical terrains BSTN)****

**Multipurpose ships: air, surface, sub-surface warfare , smaller in size, less weapons**

#### 🔹 ****Shivalik-Class (Stealth) (3 S)****

* **INS Shivalik**
* **INS Satpura**
* **INS Sahyadri**

#### 🔹 ****Talwar-Class**** (Russian built) (6 T)

* **INS Talwar**
* **INS Trikand**
* **INS Teg**
* **INS Tarkash**
* **INS Trishul**
* **INS Tabar**

#### 🔹 ****Brahmaputra-Class (3 B)****

* **INS Brahmaputra**
* **INS Beas**
* **INS Betwa**

#### 🔹 ****Nilgiri-Class (Project 17A)**** (New stealth class)

* **INS Nilgiri** (Sea trials)
* Others under construction: **Udaygiri, Dunagiri, Himgiri**
* **Missiles**: BrahMos, Klub, Barak-8

### 🛡️ ****4. Corvettes (20+ in service) ( all from K : kamotra, khukri)****

**Smaller, agile ships for patrol, coastal defense, and anti-submarine warfare**

#### 🔹 ****Kamorta-Class (Project 28)**** – ASW

* **INS Kamorta**
* **INS Kadmatt**
* **INS Kiltan**
* **INS Kavaratti**

#### 🔹 ****Kora-Class**** – Missile

* **INS Kora**, **INS Kirch**, **INS Kulish**, **INS Khanjar**

#### 🔹 ****Khukri-Class**** (Retiring soon)

* **INS Kirpan** (Gifted to Vietnam in 2023)
* **INS Khanjar**

#### 🔹 ****Abhay-Class**** – Patrol/ASW

* Aging; replacement in planning

### 🔱 ****5. Submarines (16 conventional + 2 nuclear in active service)****

#### ⚫ ****Arihant-Class**** (SSBN – nuclear powered, nuclear-armed)

* **INS Arihant**
* **INS Arighat** (commissioning expected)

#### ⚫ ****Kalvari-Class (Scorpene)**** (Diesel-electric – P75 project)

* **INS Kalvari**
* **INS Khanderi**
* **INS Karanj**
* **INS Vela**
* **INS Vagir**
* **INS Vaghsheer** (Sea trials)

#### ⚫ ****Sindhughosh-Class (Kilo-class, Russian)****

* **INS Sindhughosh**, **Sindhuraj**, **Sindhuratna**, **Sindhukesari**, etc.
* ~6 still in service, others being retired

#### ⚫ ****Shishumar-Class (HDW Type-209, German origin)****

* **INS Shishumar**
* **INS Shankush** (modernized)
* **Future**: P-75I project (next-gen submarines)

### 🪖 ****6. Amphibious Warfare Ships****

#### 🔹 ****INS Jalashwa**** (Landing Platform Dock – ex-US Navy)

* Can carry troops, tanks, and helicopters

#### 🔹 ****Magar-Class LST****

* **INS Magar**, **INS Gharial**

#### 🔹 ****Shardul-Class LST****

* **INS Shardul**, **INS Kesari**, **INS Airavat**

### 🚢 ****7. Patrol Vessels & Offshore Patrol Vessels (OPVs)****

* **INS Sumitra**, **INS Saryu**, **INS Sujata**, etc.
* Used for coastal patrol, anti-piracy, humanitarian missions

### 🧰 ****8. Auxiliary & Support Ships****

* **Fleet Tankers**: INS Deepak, INS Shakti
* **Survey Ships**: INS Darshak, INS Sandhayak (new version under construction)
* **Tug Boats, Replenishment Ships, Torpedo Recovery Vessels**, etc.

## 🚢 ****Types of Indian Navy Warships – Definitions****

### 1. 🛳 ****Aircraft Carrier****

* **Definition**: A large warship that **carries, launches, and recovers fighter aircraft** and helicopters.
* **Role**: Acts as a **floating airbase** at sea. Provides air dominance, surveillance, and offensive strike far from shore.
* **Examples**:
  + **INS Vikramaditya**
  + **INS Vikrant**

### 2. 🚀 ****Destroyer****

* **Definition**: A large, powerful **surface combat ship** designed for **high-speed escort**, air defense, and anti-ship warfare.
* **Role**: Protects carrier groups and fleets from **air, surface, and submarine threats**. Very heavily armed.
* **Examples**:
  + **INS Kolkata**, **INS Visakhapatnam**, **INS Delhi**

### 3. ⚔️ ****Frigate****

* **Definition**: A medium-sized warship that is **multi-role**, often used for **escort missions**, **anti-submarine**, and **anti-air operations**.
* **Role**: Balance of firepower, speed, and versatility; used to protect convoys, act independently or as part of a fleet.
* **Examples**:
  + **INS Shivalik**, **INS Trikand**, **INS Brahmaputra**

### 4. 🛡️ ****Corvette****

* **Definition**: A **small, fast, and agile warship** designed for **coastal defense**, **anti-submarine warfare**, and **patrolling**.
* **Role**: Operates close to shores (littoral zones); defends against submarines or performs fast attacks.
* **Examples**:
  + **INS Kamorta**, **INS Kiltan**, **INS Kora**

### 5. ⚫ ****Submarine****

* **Definition**: A **stealthy underwater vessel** designed to conduct **surprise attacks**, **surveillance**, and **strategic deterrence**.
* **Role**: Attacks enemy ships/submarines, lays mines, collects intel. Nuclear submarines can launch nuclear missiles.
* **Types**:
  + **Diesel-electric**: Silent, short-range (e.g., INS Kalvari)
  + **Nuclear-powered**: Long-range, powerful (e.g., INS Arihant)

### 6. 🪖 ****Amphibious Warfare Ship / LST (Landing Ship Tank)****

* **Definition**: A large ship designed to **land troops, tanks, and vehicles** on enemy shores during amphibious operations.
* **Role**: Useful in **military landings**, **disaster relief**, and **troop transport**.
* **Examples**:
  + **INS Jalashwa**, **INS Shardul**, **INS Airavat**

### 7. 🚔 ****Patrol Vessel / OPV (Offshore Patrol Vessel)****

* **Definition**: A smaller ship used for **coastal surveillance, anti-piracy, smuggling prevention**, and **fisheries protection**.
* **Role**: Ensures maritime security during peacetime; **escorts civilian ships**.
* **Examples**:
  + **INS Sumitra**, **INS Saryu**, **INS Sujata**

### 8. 🧰 ****Fleet Tanker / Support Ship****

* **Definition**: Non-combat vessels that provide **fuel, water, food, ammunition, and repair** services to frontline warships.
* **Role**: Extend naval operations by **refueling ships at sea** (called "replenishment").
* **Examples**:
  + **INS Deepak**, **INS Shakti**, **INS Aditya**

### 9. 🔬 ****Survey Ship****

* **Definition**: A naval ship used to **map the ocean floor**, collect hydrographic data, and assist in navigation and submarine routes.
* **Role**: Used for **scientific research**, **mine detection**, and **coastal mapping**.
* **Examples**:
  + **INS Darshak**, **INS Sandhayak (new)**