**Some Covid-19 related Competency Questions**

There are some direction :

**About Covid Case Information :**

1. When did country C have the first Covid-19 case?
2. Which country reported the first Covid - 19 case?
3. On which date was the first Covid-19 case reported?
4. How many Covid-19 cases have been found at any place p on date t?
5. How many new cases were found at any place p on date t?
6. How many people recovered from COVID-19 at any place P on date t?
7. Display date-wise number of patients who died at location p?
8. Overall, how many patients died on a date t?
9. Keep track of which countries had Covid-19 positive cases on which dates?
10. Country-wise maximum number of Covid-19 cases?
11. Which Country reported the maximum Covid 19 cases until now?
12. Which Country reported the maximum Covid 19 cases in the year 2020?
13. How many people have been deceased due to Covid 19 around the world until now?
14. How many people have been deceased due to Covid 19 in India until now?
15. How many people have been deceased due to Covid 19 in India in the year 2020?
16. List the state-wise data of total confirmed cases in India.
17. List the state-wise data of total deceased cases in India.
18. List the state-wise data of Covid 19 mortality rate in India.
19. How many people have recovered from Covid 19 in India until now?
20. How many people have recovered from Covid 19 in the year 2021?
21. How many people of the age above 40 were infected by Covid 19 until now in India?
22. How many people of the age above 40 were infected by Covid 19 in 2020 in India?
23. How many people of the age above 60 were deceased by Covid 19 until now?
24. What was the peak one day surge in new cases in India?
25. Which state reported the highest one day surge in new cases in India?
26. List the number of active patients between the ages of 20-30?
27. Display date wise, the total number of cases reported in India in the month of March 2020?
28. What percentage of the Indian population has been diagnosed with Covid 19 as of now?
29. What was the average daily case reported in the country c in the month of April 2020?
30. List the fatality rate from higher to lower order due to covid 19 in the year 2020?

**About Covid Patients :**

1. What is the travel history of a patient p ?
2. Find the cities patients have traveled to
3. Find all patients have Covid-19 test results positive ?
4. Find all people diagnosed with Covid [who are in family relations covid positive]
5. Gives all the patients who have contracted the virus from another
6. Gives all the patients who have passed the virus to 2 (or more) possible patients
7. List all the patients between 18 and 30
8. List all patients who have recovered
9. List all the patients who were diagnosed with Covid 19 in India in 2020?
10. How many people who traveled from foreign countries to India were found to be positive until now?
11. How many people who traveled from the USA to Canada were diagnosed with Covid 19?

**About Resources Patients :**

1. How many covid centers are in a country c.
2. What is the availability of ICU beds in the City at date t ?
3. What is the availability of ICU beds with ventilators in the City at date t ?
4. How many Hospitals in a country ?
5. How many doctors ?
6. What are the different tests conducted for Covid-19 virus ?
7. What’s the daily average of Covid 19 tests conducted in India?
8. List the number of test centers for Covid-19 in a city .
9. List all the Convid-19 health centers.
10. List the number of ICU beds in a hospital.

About Covid-19:

1. What are the symptoms of Covid-19?
2. How many variants of Covid 19 have been detected until now?
3. How many variants of Covid 19 have been found to be harmful to humans?

Treatment and vaccine:

1. What percentage of the Indian population has been vaccinated against Covid 19 as of now?
2. How common are false positive rapid antigen tests?
3. How long does protection from COVID-19 vaccines last?
4. Cumulative number of COVID-19 cases, recoveries, deaths in Moscow from March 2, 2020 to January 26, 2022.
5. Cumulative number of COVID-19 cases, recoveries, deaths in X-country from March 2, 2020 to January 26, 2022
6. Coronavirus (COVID-19) deaths in Italy as of January 19, 2022, by age group.
7. Coronavirus (COVID-19) deaths in X-country as of January 19, 2022, by age group