

**Fill in the gaps with the following words- 15**

superheater	crown	economizer	stem	rotor
salinometer	skirt	top end semi shell	mounted	seat
attenuator	furnace	Impeller	burners	drum

Theis the place where fuel is burnt.

Thepre-heats the feeding water.

The is part of the connecting rod.

Theor spindle is part of the valve.

Theis at the bottom of the valve.

The upper part of the piston is theand the bottom part is the

A turbocharger consists of a single turbine wheel, theof which is on the same shaft as with theof a centrifugal compressor.

Thehas a great number of small tubes and is used to heat the wet steam before it enters the main steam pipe.

The waterserves as a reservoir of water.

Themeasures how salty water is.

Thedecreases the temperature of the superheated steam.

Themay be placed either at the top of the boiler or at the bottom.

Fill in the gaps with the following words to make phrases - 10

indicator	feed	mooring	spare	main
circulating	steam	controllable	combustion	header

.....pitch propeller, check valve.stop valve, water level,turbine,chamber, water wall,parts store,winch, cooling waterpump

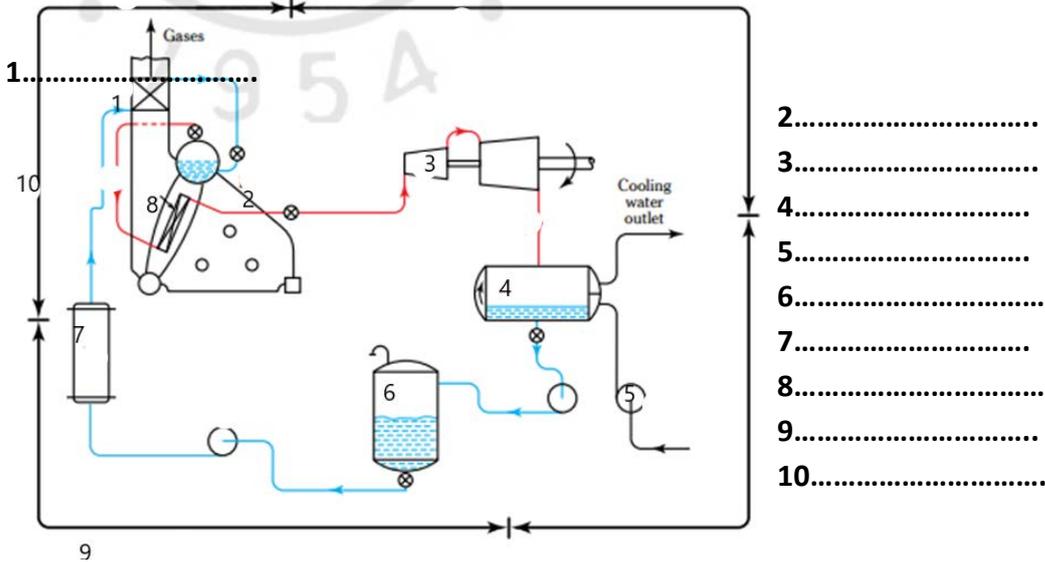
Complete the gaps with the following words- 15 points

<i>airtight</i>	<i>blades</i>	<i>shaft</i>	<i>increased</i>	<i>steam</i>
<i>nozzles</i>	<i>rotating</i>	<i>opposite</i>	<i>impulse</i>	<i>stationary</i>
<i>rotor</i>	<i>turbine</i>	<i>reaction</i>	<i>expands</i>	<i>turn</i>

The steam _____ consists of a _____ mounted on a _____, that is free to rotate. The outer rim of the rotor has a set of curved _____, and the whole system is enclosed in a/ an _____ case. Several _____ direct the steam against the blades and _____ the rotor. In the _____ turbine, the _____ from the nozzles is directed against the blades and turns the rotor. In the _____ turbine, the steam passes first through the _____ blades, where it expands, and with _____ speed enters the _____ blades and turns the rotor (action). While being in the rotating

blades, the steam _____ again and turns the rotor with a force exerted on the blades on the _____ direction this time (reaction).

Find the parts that are shown in the diagram- 10



Choose the correct word- 20

- In a 4 stroke Diesel Engines the piston rod is connected to the connecting rod with the **crosshead pin/ gudgeon pin/ connection pin**.
- In a 4 stroke Diesel Engine the piston is connected to the connecting rod with the **crank pin/ gudgeon pin/ connecting pin**.
- The 2 stroke DE does not have an **inlet valve/ piston rod/ crosshead**. It has **scavenge ports/ valves/ boxes**.
- In the reaction type turbine the steam is fed from a high-pressure line into the high- pressure turbine through a/ an **drain/ throttle/ exhaust** valve.
- When the temperature of the steam falls below permissible limits, **evaporation/ condensation/ concentration** takes place.
- Displacement pumps are **unsuitable/ suitable/ proper** for very high speeds.
- In a **displacement/ centrifugal/ diffuser** pump the increase or decrease of the volume of the pump chamber causes the suction or discharge of the liquid.
- **Multistage/ Double acting ram pumps/ reciprocating** pumps are centrifugal pumps.
- Regenerative pumps are **displacement reciprocating/ displacement rotary/ centrifugal** pumps.
- In **reciprocating/ centrifugal/ displacement** pumps the liquid is thrown against the casing.
- Vane pumps are **reciprocating displacement/ rotary displacement/ centrifugal** pumps.
- In a **gear wheeled / centrifugal/ displacement** pump the vacuum is formed by the teeth on both wheels.
- The diffuser pump is a **rotary/ displacement/ centrifugal** pump.
- A single acting ram pump is a **rotary/ reciprocating/ centrifugal** pump.
- The diffuser type pump is used on **high/ low** pressure.
- On the compressor's side of the turbine assembly there is a **manifold/ stator/ diffuser** and a spiral casing both of which contribute to further **rising/ raising/ decrease** of the compressed air.
- The turbine bearing require special attention. They support the weight of the rotor and are **controlled/ divided/ adjusted** to maintain a **close clearance/ lag/ emission** between the stationary and rotating blades.



- It is used to handle the mooring lines
- It is used to produce distilled water



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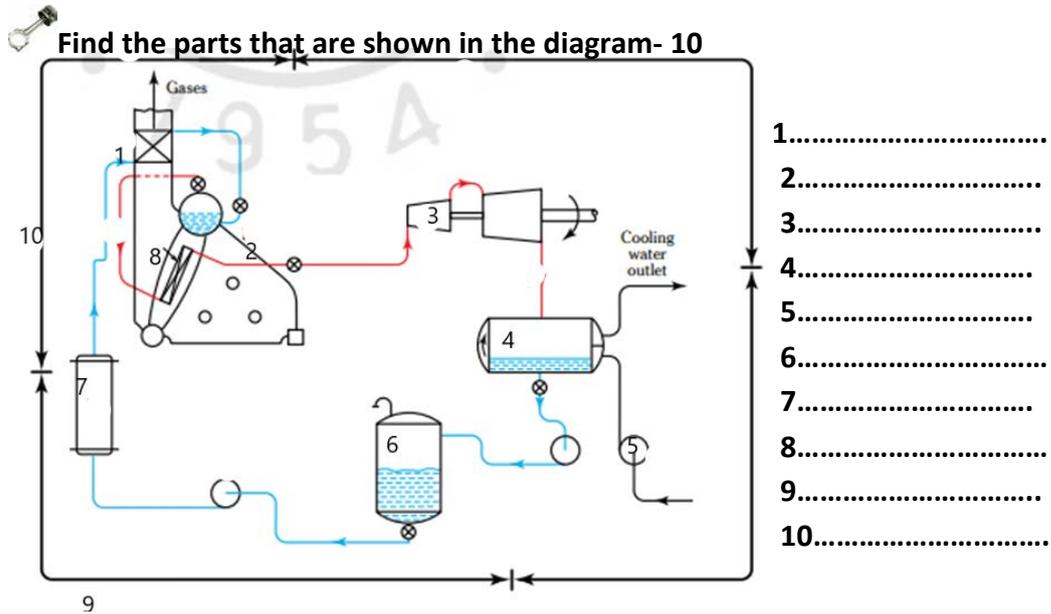
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