

B semester FINAL EXAM RETAKE - SEPTEMBER 2021

Choose the correct answer. You have 70 minutes for 60 questions. The questions may be of 1, 1.5, or 2 points. The total is 100. When you finish, submit your exam, take a screen shot of the submission and send it to the chat of the room you are in. Good luck.

* This form will record your name, please fill your name.

1.is the opposite fo ahead.

(2 Points)

- Forward
- Astern
- Port

2. In a tube boiler, the water for generating steam circulates outside the tubes.

(1.5 Points)

- steam
- fire
- gas
- water

3. Steam engines arecombustion engines.

(1 Point)

- internal
- external

4. Gear wheeled pumps are..... pumps.

(1.5 Points)

- centrifugal rotary
- rotary displacement
- reciprocating displacement

5. Theor power stroke is the stroke which provides power for the propulsion of the ship.

(2 Points)

- ignition
- suction
- compression
- combustion

6. In the boiler, theis used to decrease the temperature of the superheated steam.

(1.5 Points)

- attemperator
- water wall
- water drum

7. In a 2-stroke diesel engine, the cycle of operation is completed in

.....revolution(s) of the crankshaft.

(1.5 Points)

- one
- four
- two

8. are used for cooling either oil or water.

(1.5 Points)

- Boilers
- heaters
- Fans
- Coolers

9. It measures how salty the water is.

(2 Points)

- Saltometer
- Alatometer
- Salinometer

10. Suction is

(2 Points)

- ignition
- drawing in
- compression
- combustion

11. They are used to drive another machine.
(1.5 Points)

- Generators
- Cranes
- Motors
- Pumps

12. We can have distilled water from a/ an
(1.5 Points)

- sewage treatment plant
- evaporator
- incinerator
- purifier

13. Centrifugal pumps with more than one impeller are called pumps.
(1.5 Points)

- reciprocating
- discharging
- double acting
- multistage

14. Theis a kind of hole on the cylinder liner.

(2 Points)

- stator
- skirt
- port
- diffuser

15. Thesupply the fuel and air to the furnace.

(2 Points)

- economizers
- fire tubes
- oil burners
- atomizers

16. The steam is fed from a H.P. line into the H.P. turbine through a(n).....
valve.

(2 Points)

- injection
- throttle
- feed check
- safety

17. It supplies the ship with electrical power and lighting.

(2 Points)

- Motor
- Pump
- Generator
- Crane

18. The pin connects the piston rod to the connecting rod.

(2 Points)

- connection
- piston
- crank
- crosshead

19. The place where fuel is burnt is a

(1.5 Points)

- atomizer
- furnace
- economizer

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

(2 Points)

- turbine
- rotor
- diffuser
- silencer

21. In the centrifugal pump there is a/ an rotating at high speed inside the pump casing.

(2 Points)

- rotor
- vane
- impeller
- shaft

22. The diffuser pump is a pump.

(1.5 Points)

- displacement reciprocating
- centrifugal
- displacement rotary
- regenerative

23. The vane pump is apump.

(1.5 Points)

- volute
- displacement
- centrifugal

24. Feed valve

(1 Point)

- check
- throttle
- main

25. Thetreatment plant is where human body waste is treated biologically.

(2 Points)

- incinerator
- sewage
- cooling
- sanitary

26. The valve are housed on the cylinder head.

(2 Points)

- seats
- stems
- spindles
- heads

27. The steam generated in the boiler passes into the steam engine whichthe heat energy into mechanical work.

(2 Points)

- discharges
- condenses
- converts

28. The water levelshows how much water there is.

(1 Point)

- indicator
- valve
- tube

29. Scavenge
(1.5 Points)

- rod
- box
- pin
- shell

30. Thewater system supplies the boiler with water.
(1.5 Points)

- circulating
- feed
- steam

31. In the reciprocating steam engine, the piston slides back and forth through a
.....
(1.5 Points)

- scavenge box
- stuffing box
- turning gear

32. In the impulse turbine, the direct the steam against the blades and turn
the rotor.
(1.5 Points)

- burners
- nozzles
- shafts

33. The oil gets rid of water and other harmful substances in a/an
(2 Points)

- condenser
- purifier
- reverse osmosis plant
- evaporator

34. It changes the steam into water by cooling it.
(2 Points)

- atomizer
- economizer
- boiler
- condenser

35. The compressor of the turbocharger compresses the incoming air, which is then cooled and enters themanifold.
(1.5 Points)

- scavenge air
- stuffing box
- exhaust air

36. A screw pump is an example of a
(1.5 Points)

- displacement reciprocating pump
- displacement centrifugal
- centrifugal pump
- displacement rotary pump

37. When the temperature of the steam falls below permissible limits,takes place.

(1.5 Points)

- evaporation
- expansion
- condensation

38. In the boiler, the incoming feed water passes first through the which preheats it.

(1.5 Points)

- steam drum
- economizer
- atomizer

39. 4-stroke diesel engines are speed engines.

(1.5 Points)

- medium
- high
- slow
- constant

40. In the parts store you find things to replace the ones that do not function any more.

(1.5 Points)

- auxiliary
- spare
- storage
- workshop

41. The pistonin the cylinder.
(1.5 Points)

- rotates
- reciprocates

42. In the final stroke of a 4-stroke Diesel Engine the exhaust gases are driven out.
(1 Point)

- False
- True

43. In the steam power plant of a reaction turbine, the saturated steam from the boiler passes through a /an.....where all the moisture is removed.
(1.5 Points)

- economizer
- furnace
- superheater

44. Garbage is burnt in the
(1.5 Points)

- heater
- evaporator
- incinerator
- air compressor

45. The L.P. turbine usually consists of a combination ofand reaction elements.

(1.5 Points)

- impulse
- stationary
- rotating

46. In a 4 stroke Diesel Engine the piston is connected to the connecting rod with the

.....

(2 Points)

- crankpin
- connecting pin
- gudgeon pin
- push rod

47. The cooling waterpump supplies the engine with cooling water.

(1.5 Points)

- service
- circulating
- condensate
- sanitary

48. The 2-stroke diesel engine has got a crosshead.

(1 Point)

- False
- True

49. The main part of a reciprocating engine is the
(2 Points)

- bearing
- piston
- blade
- rotor

50. The valve consists of the seat, the spindle and the
(2 Points)

- mushroom
- crown
- pin
- trunk

51. They reduce the rolling of the ship.
(1.5 Points)

- Fin stabilizers
- Incinerators
- Davits
- Launching gears

52. The three upper rings of the piston of a 4-stroke diesel engine are rings.

(2 Points)

- additional
- sealing
- oil scraping
- compression

53. The top and bottom endare between the top and bottom end semi shells.

(1.5 Points)

- cylinder liners
- cylinder heads
- bearings

54. When the piston moves, it reaches the BDC.

(1 Point)

- downwards
- upwards

55. Centrifugal pumps are suitable for bigger capacities.

(1 Point)

- True
- False

56. The valve of the boiler controls the passage of the steam to the steam turbine.

(2 Points)

- auxiliary steam stop
- feed check
- safety
- main steam stop

57. Theare flat thin metal parts.

(1.5 Points)

- rims
- rotors
- blades

58. In the displacement pump the increase of decrease of theof the pump chamber causes the suction or discharge of the liquid.

(2 Points)

- centrifuge
- volute
- volume
- impeller

59. The piston consists of the skirt, the pin and the
(2 Points)

- spindle
- crown
- head
- seat

60. When something is filled with moisture, it is
(2 Points)

- drained
- saturated
- expanded
- condensed

61. The vapour of water is
(1.5 Points)

- steam
- gas
- air

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