

DETAILED SYLLABUS FOR THE POST OF BOAT LASCAR
IN KERALA STATE WATER TRANSPORT

(Cat.No.: 252/2021, 494/2021)

(Total Marks - 100)

1) Duties of Pole man : (Marks 12)

Confirm that sufficient depth is available for the vessel. Change the Direction of the vessel using the Pole. Clear the Obstructions on the way. Reduce the impact with jetty while berthing. Keep the vessel along side jetty during operation. Help embarkation / disembarkation of Passengers.

2) The use of navigation lights and how to act when they are seen in different directions.
(Marks : 10)

Reporting of sighting a light in different direction.

Red light on Port side : Vessel passing clear

Red light on Starboard Side : To Keep clear by altering course to Starboard Side

3) The rules regarding sound signals to give indications to other vessels as to the position of the helm, etc.
(Marks : 8)

One Short Blast : Altering Course to Starboard

Two Short Blasts : Altering Course to Port

Three Short Blasts : Going Astern / Reverse

Five Short blasts : Doubt on action taken by other vessel

4) Use of life saving equipments (Marks : 18)

Life buoy : for throwing into water to rescue somebody who has fallen in water

Life Jacket : for wearing prior jumping in to water in emergency.

Life boat : Rescue people in case of Emergency

Life raft : Same function of Life boat but only less storage space required because of inflatable nature.

Emergency Position Indicating Beacon : Transmits distress position automatically to satellite and then to rescue centre

Radar reflector : To give a bright spot on the Radar of other vessel to indicate Emergency.

5) Use of Fire fighting appliances. (Marks : 8)

Water type Extinguisher : For General fire

Powder type Extinguisher : For Electrical Fire

Foam Type Extinguisher : For Oil Fire

Carbon dioxide Extinguisher : Any type fire

6) The management of small inland vessels in all conditions. (Marks 7)

Mooring lines : Head Line, Stern Line, Breast Line, Spring lines

Fenders : Rubber, Coir, Tyre

7) Cleaning (Marks 3)

Cleaning of Oil : use oil dispersant, Saw dust, Cotton rags

8) Surface preparation for painting (Marks : 8)

Chipping, Scrapping, wire brushing, Washing with fresh water and soap (if Oil present) , apply primer, first Coat and final coat

9) Man Over Board Action (Marks 5)

Shout Man over board, Raise Alarm, Throw life Buoy, pick up causality, give CPR

10) Fire on Board Action (Marks 6)

Shout Fire, Raise Alarm, Find location of fire, Identify type of fire, Restrict spreading of Fire, Fight fire using appropriate Extinguishers

11) Checks prior starting a trip (Marks : 15)

Vessel Registered

Vessel having Fitness Certificate

Crew having Certificate

Pollution prevention Certificate Valid

Insurance Valid

All Life saving Appliances ready

All Fire fighting Appliances ready

Weather Good

Fuel and Fresh water Sufficient

Ropes in good Condition

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.