

**SYLLABUS FOR COMPUTER BASED RECRUITMENT TEST (CBRT)**  
**FOR THE POST OF TECHNICAL SUPERITENDANT(PORTS) UNDER**  
**CAPTAIN OF PORTS DEPARTMENT**  
**(Adv 01 Year 2022)**

- I. General English including Grammar - 10 marks**
- II. General Knowledge, Current Affairs and Events of National and International Importance - 10 marks**
- III. Logical Reasoning and Analytical Ability - 25 marks**
- IV. Core: - 30 marks**
1. Marine Engineering Knowledge General:  
Knowledge of main propulsion engine, auxiliary support machinery, pumps and deck machineries, Ship construction (basic terminology).
  2. Marine Engineering Operation and Maintenance:  
Engine Department: Main engine, compressors, pumps, diesel generators, steering gear.  
Deck Department: Windlass / Anchoring arrangement, Mooring gear, Towing arrangement.
  3. Knowledge of PMS (Planned Maintenance System), Drydocking Procedure, Class Surveys and Inspection.
  4. Ship Safety and Environmental Protection:  
Mandatory Rules and Regulation to be followed in a vessel.  
SOLAS (Safety at Life at Sea), MARPOL, ISPS (International Ships and Ports Security Code,)
  5. Merchant Shipping Act, 1958 with regards to Port Operations (Act No. 44 of 1958)
  6. Indian Port Act, 1908 with regards to ISPS.

**Note:**

**\* Duration for C.B.R.T : 90 Minutes**

**\*Maximum Marks for C.B.R.T : 75 Marks**