

LASCAR-I

Question1. A boat covers a distance of 60 km downstream in 5 hours and the same distance upstream in 7 hours. Find the speed of the boat in still water.

Answer. 10 km/hr

Question2. If 25% of a number is 40, what is the number?

Answer. 160

Question3. Find the next number in the series: 2, 6, 12, 20, ?

Answer. 30

Question4. If 'SHIP' is written as 19-8-9-16, what is the code for 'BOAT'? (A=1, B=2...)

Answer. 2-15-1-20

Question5. An item bought at ₹800 is sold for ₹920. What is the profit percentage?

Answer. 15%

Question6. A alone can complete a work in 12 days, and B alone can complete the same work in 18 days. How many days will they take to complete it together?

Answer. 7.2 days

Question7. The average of five numbers is 18. Among them, four numbers are 12, 15, 21 and 24. What is the fifth number?

Answer. 18

Question8. If $A : B = 3 : 5$ and $B : C = 10 : 12$, then what is $A : C$?

Answer. 1 : 2

Question9. If a train is running at 72 km/h, how much distance will it cover in 2.5 hours?

Answer. 180 km

Question10. Simplify: $48 \div 6 \times 3 - 5 = ?$

Answer. 19

Question11. Convert the binary number 1011_2 into its decimal equivalent.

Answer. 11

Question12. What will be the simple interest on ₹5000 at 12% per annum for 2 years?

Answer. ₹1200

Question13. A clock gains 300 seconds in 5 hours. How many seconds will it gain in 24 hours?

Answer. 1440 seconds

Question14. In a 40-litre mixture, water constitutes 25%. If 15 litres of water is added, what will be the new percentage of water in the mixture?

Answer. 45.45%

Question15. In a class, 30 students play cricket, 25 play football and 10 play both.

Find the number of students who play at least one of the two games.

Answer. 45

Question16. If the marked price of an article is ₹1000 and a discount of 20% is allowed, what will be the selling price?

Answer. ₹800

Question17. If $3x = 2y$, then $x:y = ?$

Answer. 2:3

Question18. Find the missing term in the proportion: $3/5 = ?/20$

Answer. 12

Question19. If the value of $(12)^2 - (8)^2$ is to be found, what will it be?

Answer. 80

Question20. In how many different ways can 2 items be selected from 5 items?

Answer. 10

Question21. Fill in the blank to complete the sentence: He ____ to the ship yesterday.

Answer. went

Question22. Fill in the blank to complete the sentence: ____ anchor is heavy.

Answer. an

Question23. Choose the correct meaning of the underlined word (Synonym).

The nurse was called to assist the doctor during the operation.

Answer. help

Question24. Choose the word that means the opposite (antonym) of 'calm'.

Answer. agitated

Question25. Fill in the blank to complete the sentence: The vessel is ____ berth.

Answer. at

Question26. Choose the correct sentence.

Answer. The officer was briefing the crew.

Question27. Choose the word that means the opposite (antonym) of 'Benevolent'.

Answer. Cruel

Question28. Fill in the blank to complete the sentence: The lookout reported that he

____ a light.

Answer. had seen

Question29. Choose the correct meaning of the idiom 'keep an eye on'.

"The officer asked the sailor to keep an eye on the equipment,"

Answer. watch carefully

Question30. Fill in the blank: If I ____ you, I would apologise.

Answer. were

Question31. Fill in the blank to complete the sentence: He is ____ able seaman.

Answer. an

Question32. Fill in the blank to complete the sentence: The ship is ____ anchor.

Answer. at

Question33. Select the word that means the similar (Synonym) of '**hazard**'

Answer. risk

Question34. Select the word that means the opposite (Antonym) of '**ascend**'

Answer. descend

Question35. Fill in the blank to complete the sentence: The officer insisted ____ follow the order.

Answer. on

Question36. Fill in the blank to complete the sentence: The lifebuoy is kept ____ emergency use.

Answer. for

Question37. Choose the correct passive voice form of the sentence:

'They hoisted the flag.'

Answer. The flag was hoisted by them.

Question38. Fill in the blank to complete the sentence: He is ____ honest lookout.

Answer. an

Question39. Fill in the blank to complete the sentence: Abide ____ the rules.

Answer. by

Question40. Choose the grammatically correct sentence.

Answer. Neither the officer nor the crew is ready.

Question41. When did the Constitution of India come into effect?

Answer. 26 January 1950

Question42. Which is the largest Indian state by area?

Answer. Rajasthan

Question43. Who organised the “MILAN 2024” naval exercise, and what was its main objective?

Answer. The Indian Navy / To enhance multilateral maritime cooperation

Question44. Which state has announced a target to become India’s first “Green Energy State” by the year 2026?

Answer. Himachal Pradesh

Question45. “Mission LiFE 2.0” launched in 2024 is related to innovation in which sector?

Answer. Environmental sustainability

Question46. In 2025, India and a neighboring country initiated local currency trade (settlements in domestic currencies) for cross-border transactions. Which currency did India announce to use under this arrangement?

Answer. Indian Rupee

Question47. National Sports Day in India is celebrated on the birth anniversary of whom?

Answer. Dhyan Chand

Question48. Who was the first Vice President of India?

Answer. Dr. S. Radhakrish

Question49. In the 2024 Paris Olympics, India won the maximum medals in which sport?

Answer. Shooting

Question50. In 2024, UNESCO included which Indian traditional art form in its Intangible Cultural Heritage List?

- (A) Manipuri Dance
- (B) Patachitra Art
- (C) Yakshagana
- (D) Chhau Dance

Answer. None of the above. One mark is being awarded to all candidates.

Question51. Which knot is used to make a fixed loop at the end of a rope?

Answer. Bowline

Question52. Which knot is suitable for joining two ropes?

Answer. Sheet bend
Reef Knot

Question53. What is the main purpose of a fender?

Answer. Protect against impact

Question54. What is a 'heaving line' used for?

Answer. Throwing a light line

Question55. One anchor 'shackle' generally represents how many metres of cable?

Answer. 27.5 metres

Question56. First step in surface preparation before painting?

Answer. Degreasing

Question57. What is the purpose of 'chipping' in deck maintenance?

Answer. Remove rust/scale

Question58. In a ship's liquid cargo tanks, what is the main effect of the 'free surface effect'?

Answer. Reduces stability

Question59. What is the meaning of 'splice' in seamanship?

Answer. Joining rope strands

Question60. In customs regulations, 'clearance' is granted by?

Answer. Customs authority

Question61. ROR (Rules of the Road) relates to which of the following?

Answer. Collision regulations

Question62. Under the Rules of the Road (ROR), in a crossing situation, which vessel is required to give way?

Answer. Vessel that has another on her starboard side

Question63. Which day shape indicates a vessel 'at anchor'?

Answer. Black ball

Question64. In ship handling, helm orders are given for what purpose?

Answer. To control the ship's heading

Question65. What is the primary function of an 'echo sounder' used on a ship?

Answer. Water depth

Question66. In navigation, what is the primary use of a lead line?

Answer. Measure depth

Question67. Under which subject does the knowledge of local lights, buoys, and channels fall?

Answer. Navigation

Question68. Which is part of lookout's responsibility?

Answer. Report bearing of sound/light

Question69. Why is basic knowledge of tide and current necessary?

Answer. For safe navigation

Question70. When a vessel is tied up (secured alongside or at berth), what is the primary responsibility of the officer or crew on duty?

Answer. Monitor moorings

Question71. What does the general alarm indicate on board a ship?

Answer. Emergency

Question72. If a vessel runs aground, what should be the first action taken?

Answer. Check for leaks/damage

Question73. If a person falls overboard, what is the correct action while throwing a lifebuoy?

Answer. Throw to leeward side (downwind)

Question74. What is the basic difference between a tide and a current in the sea?

Answer. Tide is a change in water level; current is the flow of water.

Question75. Who should administer first aid in the event of an accident?

Answer. Trained person

Question76. Which instrument on the bridge shows direction?

Answer. Compass

Question77. What is the first action when a person falls overboard at sea?

Answer. Shout “Man overboard” and raise alarm

Question78. What is the primary purpose of a rigid life raft?

Answer. Life saving

Question79. Which type of fire extinguisher is suitable for extinguishing an electrical fire?

Answer. CO2

Question80. Ball-shaped end on a heaving line is called?

Answer. Monkey's fist

Question81. Under normal conditions, what is the correct method of letting go an anchor?

Answer. Controlled release

Question82. In ship manoeuvring, when is the 'Stop and Reverse' command useful?

Answer. To stop the vessel within a short distance

Question83. Engine order 'dead slow ahead' means?

Answer. Very low ahead speed

Question84. In ship handling, when is tug assistance generally required?

Answer. In narrow channel/harbour

Question85. When the rudder angle is increased, which aspect of the vessel is immediately affected?

Answer. Heading/turning

Question86. What is the primary purpose of VHF Channel 16?

Answer. Distress/calling

Question87. What is generally recorded in the ship's logbook?

Answer. Navigation/events

Question88. What is the full form of the abbreviation 'ETA' used in reporting or communication?

Answer. Estimated Time of Arrival

Question89. In ship handling, what is the meaning of the term 'Headway'?

Answer. Forward motion of the vessel

Question90. What is the meaning of the term 'Seaworthy'?

Answer. Fit for sea service

Question91. What is the greatest risk while entering a confined space?

Answer. Toxic gases and smoke

Question92. Class 'A' fires commonly involve which type of materials?

Answer. Solids like wood/cloth

Question93. What is the full form of 'SWL' in ship handling?

Answer. Safe Working Load

Question94. What is the main purpose or importance of a cargo plan?

Answer. Load distribution/safety

Question95. What is the primary function of the GPS equipment on a ship?

Answer. Provide ship's position and location

Question96. The 'Beaufort Scale' is used for measuring what?

Answer. Wind force

Question97. In the Northern Hemisphere, how do winds circulate around a high-pressure system?

Answer. Clockwise and outward

Question98. Fog forms mainly due to which of the following reasons?

Answer. Cooling of air to its dew point

Question99. What does a barometer measure?

Answer. Atmospheric pressure

Question100. What are isobars?

Answer. Lines of equal pressure