He displayed a picture of a Bulk Carrier 343m long 63m beam 23m draught as my vessel.

1. What documents to have before leaving home to join vessel in San Francisco?
2. Expectations for third mate handover?
3. What is ISM? What is SMS? What is a DPA?
4. Where would I find my role? Where would I find muster duties?
5. Expectations for vessel familiarisation?
6. Name 5 drills and their frequency? What would I refer to creating a drill matrix, which marine order?
7. What’s a cargo ship safety certificate and what is its validity?
8. A surveyor is expected tomorrow for renewal of ship safety equipment certificate. How would you prepare?
9. Life boats – checks, contents. Explain on/off load release in detail?
10. What FFA onboard? How do you check BA?
11. Departing San Francisco for Port Hedland. What are the stages of passage planning (wanted to hear archiving mentioned)
12. Explain passage planning (Amongst the pubs I mentioned ocean passages of the world, admiralty list of radio signals and load line zones, He wanted an explanation of each)
13. Showed me a flash card of a red rocket flare, asked what would I do? When I mentioned radio monitoring, he asked how I would send a voice safety message (securite). Name some distress signals?
14. I’m standing on the bridge wing with my lookout and see a man fall overboard at the bow. What are my actions?
15. Mandatory hard cover publications? What is in IAMSAR volume 3?
16. What are bunkering preparations? What is SOPEP?
17. What MARPOL annex applies? What record book?
18. What is a MARPOL special area? List some.
19. Requirements for discharge of oil in special area?
20. Pilot on board discussing pilotage with Master during my watch. Am I involved?
22. Pilot must disembark, vessel has 10m freeboard. What are your considerations?
23. Proceeding to anchor, pilot has safely departed; I’m on deck therefore will supervise anchor crew. What do I consider? Explain entire process from PPE and comms to step by step of use of windlass. Explain reporting by scope and stay etc. What lights, shapes or sounds when at anchor?
24. What practical considerations for mooring? I included taking the Master/Pilot exchange regarding tug positions and mooring arrangement diagram for display during the toolbox.
25. What is my understanding of enclosed space entry? Checks? Prep? Can I be involved (Am I trained?)
26. Expectations of cargo watch handover. What documents do I expect to see? How is cargo amount verified? What are ships stresses? How to manage them?
27. I mentioned MSDS and he asked what publication related. What information is in the IMDG Code?
28. During loading master and chief go to town. Engineer calls to say ballast pump has malfunctioned. What do I do? (I mentioned liaised with terminal representative and consider ship/shore checklist) I stopped cargo ops until rectified.
29. He pulls out BA 3833 – Singapore Strait West. Asked me to list some features (reporting point, PBG, sector lights, flood tide, explain light characteristics, tidal stream mark, best coast lines for radar reflection). Would I use it for navigation?
30. What are correction procedures, what are cumulative lists and when are they published?
31. Asked me to draw stable condition on transverse diagram with K provided?
32. Asked about movement of G when loading 50 tonne locomotive?
33. Asked FWA, DWA, TPC? Is TPC constant?
34. What happens to draught leaving a river proceeding to sea?
35. How to take over a navigation watch at sea at night?
36. What is compass error? Why do we compare?
37. Explain variation, deviation and deviation change at different headings.
38. What methods would I use for compass comparison? Explain transit and amplitude?
39. List navigation equipment?
40. What is AIS and would I use it for primary navigation? Why?
41. What are the differences between each radar? Pros and cons of each.
42. What legislation relates to safety?
43. What is a HSR? Powers of HSR? What is a PIN? Who is the inspectorate?

He moved onto collision regulations after explaining his need for clear final answers, with sound signals as there was no room for error.

1. Used flip cards. Started with buoyage (wanted lights, frequency, characteristic and action in the case of Preferred channels and Cardinals.)
2. Lights of vessels, towing, towing RAM, dredger, mine clearance <50m from ahead, aground.
3. How would I navigate around dredger, isolated danger mark, west cardinal mark?
4. What are cardinal colours, marks and lights?
5. Drove a toy vessel along the TSS of the Singapore chart. Asked which rule applies? Showed a crossing situation with another PDV not using the TSS, asked who was stand on? Asked rule 8
6. We have entered restricted visibility. Name sound signals for fishing, NUC, myself.
7. What is NUC? What is RAM? What is CBD?
8. Started a number of situations
   - Head on PDV.
   - Head on towing.
   - Head on towing RAM. Does 14 apply? What is 18?
   - Cruise ship crossing from port. Not giving way. Explain 17
   - Head on with mine clearing vessel with coast to starboard
   - RAM towing on my port side. What are my options? What would I do?
   - A CBD is crossing from port.
   - I am CBD and a vessel is crossing me from starboard. What do I do?
9. Towing vessel with manned tow crossing from starboard by day. Fog slowly obscures them, what should I do? (After saying lights and fog signals and calling the Master I quoted rule 19. He asked what I meant by safe speed, I quoted rule 6) What sound signals would I expect from the towing vessel and from the tow and when? Who gives way? What manoeuvring sound signal do I make?
10. I am proceeding in restricted visibility at 6 knots overtaking a vessel at my starboard quarter travelling at 5 knots. There is a vessel crossing at my starboard bow. What do I do?