Examiner Gave me a Short Introduction and tell me that maximum it will take one and half hour, within this time you have to prove yourself that you can be sail as a Chief-Mate. Then he put me on a cape size Bulk-carrier registered in Australia. That vessel is Discharging Cargo in Ningbo, China. So I joined the vessel in china. So

1, What kind of questions will you ask outgoing C/O initially? (regarding disch. Of cargo, sequence, amount of cargo discharged, ballasting procedure and rate etc.)
2, Then Proper Hand over Procedure.
3, What kind of Docs you Hand over to Master?
4, What is in the S.E.A.?
5, Master says that in couple of days Loadline survey is going to happen. So what will you prepare for?
6, what will you think, who is going to come for survey?
7, How the Ballast Tank Vent is worked?
8, what is Loadicator? Is any computer be a Loadicator?
9, cadet is playing Games on that computer so what will you do?
10, what is the frequency for testing the Loadicator?
11, Outgoing C/O tells you to that there is a PIN issued on windlass, so what will you understand by that?
12, Who issue the PIN? And under what act this will cover?
13, what are the Duties of HSR?
14, What is the purpose of OSH-MI Act?
15, Chart symbols on Singapore charts such as Sector Light, wreck, South cardinal mark, Characteristics, some other.
16, what is Variation and Deviation?
17, if you Moving in Singapore straits, is deviation remain same throughout?
18, New Cadet ask you about Passage Planning, so what will you tell him?
19, what are Publications are onboard?
20, what is Advance? (manoeuvring Diagram)
21, On Departure, Now Pilot On Board, tell me Everything?
22, what is AIS?
23, How you Taking-over the Navigational Watch?
24, Draw the Starboard side Loadline,
25, DWA definition, Formula
26, Why you required to know the Density? how would you know the density of water? which equipment you use.
27, He asked me to check the Density of the water with Hydrometer, lying on the Table. Then he asked me to show where will be the waterline if you load in this Density? On Loadline which I draw earlier.
28, IMO Criteria without area under curves.
29, Now, you are going to Load a Copper concentrate, what will be your preparation?
30, what is Bending moments and Shear forces?
31, what do yo know about T.M.L?
32, Is T.M.L necessary for Group B & C cargo?
33, Tell me What do you understand by Group A,B & C?
34. What is Shippers Declaration? What it contain?
35. What type of survey done on this kind of Vessel? (ESP)
36. What all items going to check in ESP?
37. Is ESP mandatory survey?
38. Now, superintendent onboard, he wants to check some Plates in the Fore-peak Tank, so what will you do?  
   Give him all the procedure related to Enclosed Space Entry.
39. Now you are going to Load a timber in one hold and a heavy Machinery in Other and some Tractor as well, so which Loadline you will be use?
40. If you load a Timber in the holds, and you start loading on deck, you load on top of the hatch no.1 and 3, now message came from charterers that now no more Cargo available, so in this condition can you sail? ( this one is little Tricky for me, so I told him that if you loading Timber below the deck and above the deck, and if you follow the LUMBER Loadline, then yes, you can sail.) BUT NO, you can not because you haven’t Load fully on Deck as per Timber Deck Cargo code....Better to refer The TDC code.
41. On which Loadline you Load more? Why?
42. What Factors will be consider while assigning a less free-board?
43. Now you already Load a Timber on deck and going to discharge in Sweden, so what will you think? ( as Sweden is on high latitude, answer related to stability)
44. If, Ice acceleration on Deck, what will be going wrong?
45. How will you make sure it won’t happened?
46. Angle of Loll
47. How will you check Pilot Ladder is in good condition or not?
48. Container Lashing, I said using CSM. So what are info in CSM?.
49. Which M.O. related to Cargo Gear? And Stevedore not sure about your Cargo Gear; what will be your action? ( want to about MHR)
50. Tell me Everything About Material Handling Register.
51. What all Surveys done on Cargo Gear? And by whom? When?
52. What is fire isolation Valve? Why it is not in E/R?
53. What is PSC? what they are looking for?
54. Bosun ask you to some Cargo residue to be Thrown overboard? What will you think?
55. In middle of the Ocean, you hear “MAYDAY”, what this mean?
56. Where it is stated that you have to render Assistance?
57. If you Load DG, what is your action?
58. Now you are going to Rotterdam, how you make Passage Plan? ( Appraisal, Planing, Execution, Monitoring)
59. What all Publications you use?
60. How will you chose your Charts?
61. How you will be sure that your charts are Up to Date? What are the methods to confirm that they are up to date?
62. Then he Gave me a Routeing Chart of Indian Ocean, ask me What all info you will get it?
63. Why the Loadlines zones are given? What will be the reason?
64. If you Load in Indonesia and discharge in Djibouti, till what marks you will be Loading? Charterers want to Load Maximum.
65. Now if you Load in Australia and Discharging in Singapore, till what marks you will be Loading?
66. Now you are in Singapore TSS, E/R tell you to some problem with Engine, They are not giving required RPM, what will be you action?
67. After some times Blackout, Action?
68, Now you are Aground on Wreck, Action?
69, Before Aground your Draft was fwd: 9.0m and aft: 10.0m now it is 8.8m and 10.2m respectively. What do you think it is? (I couldn’t understand this, but he wants know about re-floating)
70, Your Superintendent mail you that he wants to change the some Bottom-plates in drydock so how will you tell them where that plates are Located?
71, preparation prior going to Dry-dock?
72, Why stability reduce during Dry-dock?
73, Formula of ‘P’? What is “P”?
74, he showed me some cards such as Sailing vsl, CBD, Towing vsl, Trawler, Fishing vsl and characteristics of those lights with intervals as well as fog signals.
75, some Buoy cards, their lights and characteristics. (safe water mark, isolated danger mark, lateral mark, cardinal marks, preferred channel marks)
76, You are entering in Philadelphia, which Buoy you seen first at entrance of channel? Which region you are in?
77, Then he ask me some Day signal of vsl, CBD, RAM, NUC, Fishing vsl, Aground vsl.
78, Then some situations, Sailing vsl on port bow, action?
79, Tug n tow on Port side, who will be stand on and who will be Give-way?
80, RAM vsl and Sailing vsl in Head-on situation, who will be stand on and who will be Give-way?
81, How will you prepare yourself for entering in Restricted Visibility?
82, In R.V., a power driven vsl on your STBD bow, One Power driven vsl on Port Quater, and a Power driven vsl is Abaft your Beam, with different speeds, what will be your Action?
   And couple of more situations, and finally, he said that well done, Congratulation, you are passed. He was very Fair. He doesn’t mind if you take a second or so to answer.
Thanks to All Faculty Members of the College and Library staff.

WISH YOU ALL THE LUCK...CHEERS.