

JOHANNESBURG REGIONAL OFFICE

Crownwood Park Block D, 2<sup>nd</sup> Floor 100 Northem Parkway Ormonde Ext. South Africa Tel. (+27 11) - 8352866 Fax. (+27 11) - 8352824

SOUTH AFRICAN TELECOLOMUNICATIONS REGULATORY AUTHORITY EXAMINATION FOR THE RESTRICTED RADIOTELEPHONE OPERATOR'S CERTIFICATE ( MARINE ).

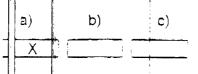
NB. DO NOT WRITE ON THIS QUESTIONNAIRE. USE THE ANSWER SHEET THAT IS PROVIDED. THIS QUESTIONNAIRE MUST BE HANDED IN.

N.B. PASS MARKS FOR THE E (AMINATION SECTION 1 PHONETIC LPHABET 80%. SECTION 2 PRIORITY S GNALS 80%. SECTION 3 WORKING FROCEDURE 60%. SECTION 4 FAULT FINE ING 60%. SECTION 5 BATTERY CARE 60%. SECTION 6 LOGBOOK 60%.

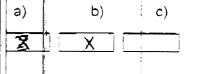
TOTAL PASS MARK

70%.

- 1. All questions must be attempted.
- 2. The point value of each question is indicated after each question.
- 3. Where no answer is given, no marks will be awarded.
- 4. If more than one answer is given will ongly to the incorrect questions, no marks will be awarded.
- 5. Read each question and all the given answers carefully, before deciding.
- 6. When an answer has been d cided upon, place an X in the corresponding space provided, e.g.



7. If you wish to change your ar swer, scratch out the originally marked square and place and X in the new position, e.g.



8. The time allowed for the examination is 90 minutes (one hour and 30 minutes)

I.9

 $\mathbf{C}$ 

	•				
•	1 ·				
•		SECTION II.	RIOF	TY SIGNALS	. REQUIRED MARK - 80%.
	1.	What is the VHF Calling a) 2191 kHz; b) 156,8 M			
	2.	What is the radioteleph a) channel 70; b) channe	)ne di 06; c	stress chann channel 16.	el on VHF? (1)
	3.	What is the Digital Sele a) channel 70; b) channe			s channel? (1)
	4.	What is the Radiotelept a) SOS 3 TIMES; b) PAN			I? (1) MES; c) MAYDAY SPOKEN 3 TIMES.
	5.	What action shall be tak a) No action is necessary b) Immediately cease all c) Take control of the dis	as th	e Coast Station ions on the dis	eceiving a distress signal? (1) will do the necessary; stress channel;
	6.	On whose authority is a a) The skipper or master			
	7.	What qualification is ne a) None; b) Restricted Radiotelept c) Restricted Radiotelept	bne C	perator's Cert	ficate (Aeronautical);
	8.	What station is in contr a) The Coast Station; b)			nunications? (1) s; c) The nearest rescue craft.
	9.	a) The station in control	istres f Disti h conf	s frequency? ess communic	
	10.	to call for silence on th a) The station in control (	f Disti f Disti h cont	ess frequenc ess communic	use the words SEELONCE DISTRESS y? (1) ations; communications when silence is
	11.	<ul> <li>WORKING may contine</li> <li>a) MAYDAY ALL SHIPS</li> <li>RADIO PORT ELIZAE</li> <li>1993, 1200 UTC, NON</li> <li>b) MAYDAY MAYDAY MAYDAY MAYDAY MAYDAY MAYDAY MAYDAY MAYDAY</li> <li>ELIZABETH RADIO F</li> <li>DISTRESS FOR NON</li> </ul>	e? (1 ALL S ETH I ESUG YDA DRT ( SUC	HIPS ALL SH RADIO PORT H, SEELONC Y THIS IS POP ELIZABETH R H 10TH AUGU	RT ELIZABETH RADIO PORT ADIO SEELONCE FENEE OF THE
	5.9	9610599110:01		9114525025	-1114-2015 09:46 FROM:LY44ADAMS

•

- 12. For what duration should the Radiotelephone Alarm be transmitted before a distress call? (1)
  - a) 15 30 seconds; b) 1 안 minutes; c) 30 60 seconds.
- 13. Which of the following 5 the correct description of the radiotelephone alarm signal? (1)
  - a) A warbling one tone transmission;
  - b) 2 tones of 1300 Hz and 900 Hz with a warbling sound;
  - c) 2 tones of 1300 Hz and 2200 Hz giving a warbling sound.
- 14. What is the purpose of he alarm signal? (1)
  - a) to wake up sleeping or rators;
  - b) to activate automatic special watchkeeping bridge watch receivers and to attract attention;
  - c) to switch the normal rabio on automatically
- 15. Which one of the folloving examples of a Distress message is correct? (1)
   a)MAYDAY MAYDAY THIS IS ALPHA ALPHA ALPHA I AM 5 MILES SOUTHEAST OF CAPE RECIFE, HAVE HIT A SUBMERGED OBJECT AND AM SINKING FAST, OVER;
  - b) ALARM SIGNAL FOR RECOMMENDED DURATION, FOLLOWED BY
     MAYDAY MAYDAY M, YDAY THIS IS ALPHA ALPHA ALPHA, MAYDAY ALPHA ZR3044, MY POSITIO, IS 10 MILES SOUTHEAST OF CAPE ST. FRANCIS AND I HAVE HIT A SUBMER SED OBJECT. MY HULL IS HOLED AND I AM TAKING WATER FAST. I WILL FIRE RED FLARES WHEN REQUESTED. I NEED IMMEDIATE ASSISTANCE. OVER:
  - c) ALARM SIGNAL FOR RECOMMENDED DURATION, FOLLOWED BY MAYDAY MAYDAY MAYDAY THIS IS ALPHA ALPHA ALPHA, MAYDAY, HAVE HIT SUBMERGED OBJEC [ AND AM SINKING FAST. MY POSITION IS 10 MILES SOUTHEAST OF CAPI [ REC|FE, I HAVE 5 CREW ON BOARD. OVER.
- 16. A vessel ALPHA has received a Distress message from the vessel OCEANIC and wishes to acknowledge receipt. Show which one of the following examples is correct: (1
  - a) OCEANIC THIS IS A PHA, I HAVE RECEIVED YOUR MAYDAY OVER;
  - b)MAYDAY OCEANIC CEANIC OCEANIC THIS IS ALPHA ALPHA, RECEIVED MAYDAY, OVER;

C)MAYDAY OCEANIC CEANIC THIS IS ALPHA ALPHA ALPHA, I AM 25 MILES FROM YOUR POSITION. MY ETA IS 1530, OVER.

- 17. When would a station, receiving a distress call, decide to acknowledge receipt? (1)
  - a) Immediately regardless of position;
  - b) Give stations that are closer an opportunity to answer first;
  - c) Do not say anything un il you are requested to.
- 18. You have received and icknowledged a Distress message. Under which of the following circumstance would you decide to broadcast MAYDAY RELAY? (1)
  - a) If the vessel in Distres∜is ou∜ of range of the nearest Coast Station;
  - b) If you are unable to aid the vessel in Distress and nobody else has acknowledged the Distress message;
  - c) If the vessel in Distres is going to sink before any rescue vessels can reach it.

Б.Ч

- 19. Why is it essential to u e the words MAYDAY RELAY when re-transmitting a Distress message? (1)
  - a) To prevent Radio Direction Finder bearings being taken on the wrong station;
  - b) To indicate that the vessel in Distress cannot use it radio;
  - c) To indicate to the Coast Station that the vessel sending the Mayday Relay is going to assist the vessel in Distress.
- 20. Which one of the following examples of a MAYDAY RELAY message is correct? (1)
   a) MAYDAY MAYDAY MAYDAY THIS IS ALPHA ALPHA ALPHA, MAYDAY RELAY FOR OCEANIC, 30 MILES OUTHWEST OF CAPE POINT, ON FIRE AND SINKING, REQUESTS IMMEDIA TE ASSISTANCE, OVER;
  - b) MAYDAY RELAY MAYDAY RELAY MAYDAY RELAY THIS IS ALPHA ALPHA ALPHA, MAYDAY OCEANIC POSITION 30 MILES SOUTHWEST OF CAPE POINT, MY VESSEL IS ON FIRE IND SINKING, REQUEST IMMEDIATE ASSISTANCE, OVER;
  - c) MAYDAY RELAY MAIDAY RELAY MAYDAY RELAY PORT ELIZABETH RADIO THIS IS ALPHA ALPHA, OCEANIC IS ON FIRE AND SINKING 30 MILES SOUTHWEST OF COPE POINT AND NEEDS IMMEDIATE ASSISTANCE, MAYDAY RELAY, OVER.
- 21. Apart from Distress, the Radiotelephone Alarm may also be used in one of the following instances. Which due is correct? (1)
  - a) Before an important Navigation warning;
  - b) Before a scheduled Weather broadcast containing a Gale Warning;
  - c) Before an urgent Cychine Warning to be broadcast by a Coast Station.
- 22. What signal is used to indicate that "Restricted Working" may be resumed on the Distress frequency, a though full silence may be re-imposed at any time if necessary? (1)
  - a) SEELONCE PARTEE
  - b) SEELONCE FENEE:
  - c) PRUDONCE;
  - d) MAYDAY FENEE.
- 23. Under which of the foll wing circumstances would you broadcast a restricted working message? (1)
  - a) When you think the site ation is back to normal;
  - b) When rescue operatio s are over;
  - c) When the initial distres phase has been completed and the rescue operations are well underway.
- 24. What is the Urgency sic nal? [1] a) PAN; b) PRUDONCE c) PAN-PAN.
- 25. When would the Urger by signal be used? (1)
  - a) Before any message concerning the safety of a vessel, or person aboard a vessel, but not in imminent da ger;
  - b) Only before messaged concerning fire, or a medical emergency, aboard a vessel;
  - c) In all cases where the use of the Safety signal has produced no response
- 26. What is the Safety sign al ? (1) a) SECURITE: b) NAVICATION WARNING; c) PAN-PAN MEDICO.

27.	<ul> <li>a) PAN-PAN PAN-PAN THIS IS THE ALPHA NOT IN IMMEDIATE</li> <li>b) PAN PAN PAN ALL S A TOW URGENTLY. DANGER, OVER;</li> <li>c) PAN-PAN PAN-PAN ALPHA ALPHA PRU TOW. I AM IN POSIT PRUDONCE ALL SH</li> </ul>	EXAMPLES OF URGENCY MESSAGES IS the correct one? (1) PAN-PAN ALL STATIONS ALL STATIONS ALL STATIONS LPHA ALPHA I HAVE A COMPLETE ENGINE FAILURE BUT ANGER. 10 CREW ONBOARD. I NEED A TOW, OVER; HIPS THIS IS ALPHA MY ENGINES HAVE FAILED AND I NEE HAVE 10 CREW ONBOARD I AM NOT IN IMMEDIATE PAN-PAN ALL SHIPS ALL SHIPS ALL SHIPS THIS IS ALPH OONCE ALPHA, MY ENGINES HAVE FAILED AND I NEED A DONCE ALPHA, MY ENGINES HAVE FAILED AND I NEED A DONCE ALPHA, MY ENGINES HAVE FAILED AND I NEED A DONCE ALPHA, MY ENGINES HAVE FAILED AND I NEED A DONCE ALPHA, MY ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A DONCE ALPHA IN ENGINES HAVE FAILED AND I NEED A	ED
28.	How would you obtain a) Broadcast a Mayday; b) Broadcast an urgency transmit a radio telegr	nedical advice at sea? (1)	
29.	<ul> <li>taken once the emerge</li> <li>a) No further action is ne</li> <li>b) The nearest Coast St</li> <li>c) The Urgency messag</li> </ul>		
30.	would you use to attra	assistance in searching for a man overboard, what signal attention? (1) Y; c) SECURITE.	
31.	Which station will trans a) Any ship; b) Anybody	nit the vital navigation warning signal? (1) c) Only Coast Stations.	
32.	<ul> <li>established by using r</li> <li>a) By 2 or more stations i</li> <li>b) By other stations homion the receiver's "S" r</li> </ul>	king Radio Direction Finder bearings on your transmission; g on your transmission until maximum signal strength is shown eter; igation System to obtain another vessel's position, from which	
33.	What do the letters E.P. a) Emergency Position Id b) Extra Peril Insurance F c) Emergency Position In d) Emergency Position In	ntification Range Beacon; idio Broadcast; cating Radio Beacon;	
34.	What frequencies are u a) 12,15 ; 24,30 ; 40,60 N	ed by a COSPAS-SARSAT EPIRB? (1) Hz; b) 121,5 ; 243 ; 406 MHz; c) 143 ; 221,5 ; 161,8 MHz.	
ſ.9	961059 <del>9</del> 110:01	14-5015 00:48 EKOW:FXA+4D4W2 0114525025	זר-t

,

- 35. What is the essential pulpose of an EPIRB? (1)
  - a) To facilitate the determining of the position of survivors in Search and Rescue operations;
  - b) To facilitate the determining of the position of a vessel in the event of failure of normal navigational systems;
  - c) To obtain satellite weather information;
  - d) To transmit a mayday.
- 36. What is the purpose of the Silence Periods? (1)
  - a) To allow vessels with I w power transmitters to establish normal communications without interference;
  - b) To enable Coast Static hs to announce important broadcasts without interference on their working frequencies;
  - c) To ensure that weak s gnals from any vessel in Distress may be heard without interference;
  - d) None of these.
- 37. At what times are the S ence Periods observed in Radiotelephony service and on which frequencies? (1)
  - a) Every hour on the quarter hour and three-quarter hour for 3 Minutes on VHF Channel 26, e.g., 0715 0718 and 0745-0748;
  - b) Every hour on the hour and the half-hour for 3 minutes on channel 16, e.g., 0800-0803 and 0830-0833;
  - c) Every hour on the hour and the half-hour for 3 minutes on 2182 kHz, e.g., 0700-0703 and 0730-0 33;
  - d) None of these
- 38. What is the purpose of he card of instructions? (1)
  - a) To help unqualified personnel in a distress situation,
  - b) No purpose whatsoever;
  - c) Only needed on the Ladger Vessels:
  - d) At any time when normal communications are needed.
- 39. What channel should be used by a ship station for the transmission of a Safety Message likely to exceed 1 minute in duration? (1)
   a) 156.8 MHz; b) Channel 26; c) A suitable working frequency; d) None of these.
- 40. Which one of the following announcements of safety messages is correct? (1)
  - a) Saycuretay Saycuretay Saycuretay All Ships All Ships All Ships This Is The M/V Alpha Alpha Alpha Nav gation Warning number one will follow on 2045 kHz, please go up and standby;
  - b) Navigation Warning Nt vigation Warning All Ships This Is Alpha Alpha Alpha I am going to transmit a Saycuret y on 2045 kHz;
  - c) All Ships All Ships All Ships This Is The Alpha Alpha Alpha I have a saycuretay message to transmit, plaase go up to 2045 kHz, over;
     d) None of these.
- 41. What is the M. F. Distress frequency? (1)
   a) 2191 kHz; b) 2182 kHz; c) 2762 kHz.
- 42. What frequency should be used by a ship station for the transmission of a Safety Message likely to excerd 1 minute in duration? (1)
   a) 2182 kHz; b) 1764 kHz; c) A suitable working frequency; d) None of these.

5.4

## SECTION III. WORKING PROCEDURE. REQUIRED MARK - 60%

- 1. What radio station would you call if you wanted permission to enter or leave East London Harbor limits? 1)
  - a) East London Radio; b Port Elizabeth Radio; c) East London Port Control;
  - d) Rescue Base; e) SAP Coast Patrol.
- 2. Which one of the following calls would be most appropriate when establishing communication with Poilt Elizabeth Radio in order to transmit a Radiotelegram? (1)
  - a) PORT ELIZABETH RIDIO PORT ELIZABETH RADIO PORT ELIZABETH RADIO THIS IS ALPHA ALFHA ALPHA, I HAVE A RADIOTELEGRAM TO TRANSMIT, DO YOU COPY ME? OVER;
  - b) PORT ELIZABETH R DIO PORT ELIZABETH RADIO PORT ELIZABETH RADIO THIS IS ALPHA ALPHA ALPHA, I HAVE ONE RADIOTELEGRAM FOR YOU, MY WORKING FREQUENCY IS 2057 KHZ, OVER:
  - c) PORT ELIZABETH RADIO THIS IS ALPHA ALPHA I HAVE ONE RADIOTELEGRAM FOR YOU, MY WORKING FREQUENCY IS 2057 KHZ, GOING UP AND STANDING BY OVER.
- 3. The following is a list of the 10 component parts of a radiotelegram which are NOT in the correct sequence. ()
  - 1. NAME OF VESSEL AND CALLSIGN;
  - 2. DATE;
  - 3. ACCOUNT CODE;
  - 4. SIGNATURE;
  - 5: MESSAGE NUMBER;
  - 6. TEXT;
  - 7. TIME FILED;
  - 8. SERVICE INSTRUCTIONS;
  - 9. NUMBER OF WOF DS:
  - 10. ADDRESS.

Study the list carefully, then indicate which one of the following sequences represents the correct order

a) 1, 3, 2, 7, 8, 9, 5, 6, 10, 4; b) 1, 5, 9, 2, 7, 3, 8, 10, 6, 4; c) 1, 5, 9, 2, 3, 7, 10, 8, 4, 6.

- 4. What does the Coast Stition operator want to know if he asks for your "Controlling Company" or "QRC" or AAIC" ? (1)
  - a) The name and addres of the person or company responsible for paying the radio account;
  - b) The name and addres of the person making the call, or sending the telegram;
  - c) The name and addres of the skipper or master;
  - d) The name and addres of the person to whom the call is made.

Below is a list of marin (terminology abbreviations.

a) DSC; b) SART; c) MR CC; d) GPS.

- 5. Indicate which is the correct one for Digital Selective Calling. (1)
- 6. Indicate which is the correct terminology for Search And Rescue Radar Transponder . (1)
- 7. Indicate which is the cor ect terminology for Maritime Rescue Coordination Centre. (1)

5.4

- 8. When a vessel is in port, the radio may only be used in certain circumstances. Indicate which 2 of the following examples are correct. (2)
  - a) To exchange traffic with the nearest Coast Station on VHF5
  - b) To communicate with an other vessel on Channel 16, provided the power is limited to 1, watt;
  - c) To communicate with the Port Authorities on VHF; -
  - d) To exchange message with a vessel on the outer anchorage on channel 10 using low power:
  - e) To communicate with the nearest Coast Station on other bands;
  - f) To communicate with a private base station
  - g) Use the radio as a privite coast station to discuss business matters for your private firm without the necession ry licence.
- 9. The use of a radio installution is subject to dertain restrictions as required by the Radio Regulations. Indic, te which 3 of the following are correct. (3)
  - a) It is forbidden to install, br be in possession of unlicensed radio apparatus; ----
  - b) It is forbidden to use the radio installation for radio telephone calls,~
  - c) It is forbidden to exchar be traffic, other than Distress, Urgency or safety traffic, on Channel 16.;
  - d) It is forbidden to test the radio with the antenna connected,
  - e) Transmissions without []entification are forbidden
  - f) You may interfere with the operations of Coast Stations.
- 10. Which 3 of the following documents must be carried by all vessels equipped with a radio telephone installation? (3)
  - a) The Radio Operator's diprtificate; 🖌
  - b) The ITU List of Radiod termination and Special Service Stations;
  - c) The ship station radio It ence
  - d) The ITU List of Call Sig is used by the Maritime Mobile Service;
  - e) Summary of the Radio Regulations and Coast Station services;
  - f) Card of instructions;
  - g) None of the above.
- 11. If a called station does not reply to a call sent three times at intervals of two minutes, how long should you normally wait before renewing the call? (1)
   a) 3 minutes; b) 10 minutes; d) 20 minutes; d) Stop calling.
- 12. Which mode of emission must be used on Channel 25? (1) a) H3E; b) R3E; c) G3E d) MORSE; e) F1B.
- 13. What is the maximum cover output allowed for a VHF radio installation? (1)
   a) 250 Watts; b) 25 Wats; c) 1.5 Watts; d) 400 Watts.
- 14. Which 2 of the following channels are used for Port Operations? (2) a) CH 12; b) CH 25; c) CH 11; d) CH 83.
- 15. Which 3 of the following VHF channels are used for intership working? (3)
  a) CH 12; b) CH 06; c) CH 24; d) CH 08; e) CH 09
- 16. What is the purpose of channel 13 on the VHF maritime band? (1)
  - a) Digital Selective Calling distress; 10
  - b) Radiotelephone distress frequency;
  - c) Intership navigational communications.

د				
21 * • •				
•••	Which mode of emission m a) G3E; b) R3E; c) H3E; d) N	ORS		
18.	What are the 2 maximum p a) 400 Watts PEP on the bar b) 1,5 Kilowatt for 2 MHz; c) 1500 Watts PEP the band d) None of these.	010		d for a Marine SSB transmitter? (2)
		is th	ssroyimately D	quency at 1310UTC to contact Port 00 nautical miles away. The 779; working 8201 and 8725.
19.	Which are your transmit fr a) 8255 and 8201; b) 8779	equei and 8	cies? (1) 725.	52
20.	Which are your receive fr a) 8255 and 8201; b) 8779	and 8	/ 25	
21.	a) 8255 and 8779; b) 8201	ind 8	[25.	ontact with the Coast Station? (1)
22.	radiotelephone call? (1) a) Callsign; b) Qrc; c) Calle these.	e and	caller, d) destir	Coast Station to make your nation, area code and number; e) All of
23,	Coast Station? (1) a) 8255; b) 8779; c) 8201 a	hd 87	25	ormation mentioned in 22, to the
24.	To which frequency in th call? (1) a) 8201 and 8725; b) 8255	· ]		ou return after completion of this
25.	Indicate which one of the frequency on 2 MHz whe a) 2182 kHz; b) 2049 kH:	ի 218։	2 KHZ IS IN USE	es is the supplementary call and reply for DISTRESS PURPOSES? (1) 125 kHz.
26.	What is the purpose of 4 a) calling frequency; b) co	46 k mpuls	Hz? (1) bry intership fre	quency; c) none of these
27.	What is the purpose of a a) calling frequency; b) an	D23 k swerir	Hz? (1) g frequency; c)	None of these.

p.4

ļ.

٠

)) |] •

14-JUN-2012 09:49 FROM:LYN+ADAMS

## FAULT FINDING. REQUIRED MARK - 60% SECTION IV

•

1.	transmitter? (5) a) incorrect mode selection in the power supply lead:	ould cause a reduction in the output power of a SSB n; b) short on the antenna; c) low power selection; d) blown fuse e) microphone is faulty; f) the PTT button is not depressed; corroded and loose; h) poorly tuned transmitter; i) the radio is nese.
2.	working? (5) a) spare fuses; b) batte e) handset or microphor	es; c) radio clock; d) all physical connections to the radio; (f) if the handset is securely mounted in its bracket; g) if the (h) in-line fuses; i) is it switched on; j) the technical handbook.
	SECTION V	BATTERY CARE, REQUIRED MARK - 60%
1.		should have a specific gravity reading of: (1) - 1280; c) 1200 - 1250; d) None of these
2.		build have a S. G. reading of: (1) - 1100,   c) 1150 - 1200;  d) None of these
3.	you use to "top-up"?(1	level was too low, which one of the following fluids should Sulphuric Acid; d) Sea water; d) None of these.
4.		to measure the S. G. of a battery? (1) er; c) Hydrometer; d) None of these.
5.		poles of a battery should be maintained as follows: (1) be kept tight and clean; c) be covered in sulphate.
6.	follows: (1)	the caps of the battery cells should be maintained as ays be clean and open; c) Must be unscrewed and removed.
7.	following: (1) a) The battery is faulty a	12 volt lead acid battery indicates 8 Volts, it means the nd should be replaced; b) The battery should be charged at the he battery should be charged normally until the meter indicates
8.	following reason: (1)	should never have loose metal objects inside it for the the pattery box; b) it could damage the Hydrometer that is kept
		the terminals of the battery causing a severe short.
9,	A battery should be re a) when the casing is cr c) the ventilation holes i	cked b) the poles are disconnected from the wire terminals;
10.	The voltage of each ce a) 2,2 volts; b) 10 Volts	of a lead acid battery should be: (1) c) 12 Volts.
		P C C C C C C C C C C C C C C C C C C C

.

## SECTION VI. LOGBOOK KEEPING, REQUIRED MARK - 60%

- Whom is responsible for the signing of the Radio Logbook? (1)
   a) Anyone; b) The Master or Captain of the vessel; c) The radio operator.
- Certain important docun entation should be noted in a Radio Logbook. Please indicate which of the following must be recorded: (2)
   a) The Radio Operator's ame and Qualification; b) Detailed contents of all radio messages; c)The ship station licence details; d) Photograph of the Radio Operator:
   e) The radio operator's signature; f) The Captain's signature; g) The Captains name and passport number.
- Where can a radio logbc bk be obtained from? (1)
   a) At any local bookshop: >) At any radio dealer; c) At the offices of the South African Maritime Safety Authority, previously at the Department of Transport.
- 4. What weekly check mus be entered in the radio logbook? (1)
   a) Battery checks; b) Siler ce periods; c) Distress messages.
- 5. What procedure must be followed when Distress, Urgency and Safety messages are received or sent? (1)

a) File the messages away: b) Enter only the number of the messages in the logbook; c) Enter all details thereof in the logbook.

## 6. Choose the statements hat are true? (5)

- a) The radio logbook is no an official document;
- b) The operator's signature must be entered when taking watch and relinquishing watch;
- c) This logbook is thrown way after each voyage;
- d) The Captain must see the logbook only at completion of each voyage;
- e) Breakdowns in the rad equipment must be logged.
- f) Summary of all radio communications must be logged;
- g) Time of each communitation must be logged;
- h) Frequencies that have been used must be logged.
- i) Radio Surveyors are net entitled to check the logbook;
- j) None of the above-men oned

Р.З