

SKIPPER COURSE EXAM QUESTIONS

These are the typical question one can expect in the final SAMSA exam. The answers are not supplied so please check it out when you are not sure.

LAWS, REGULATIONS and RULES

1. Which organisation regulates water going vessels in South Africa?

2. What is the minimum age for someone to apply for a skipper license? _____

3. Name 6 safety equipment which must be available on board to receive a certificate of fitness (COF) on a boat for category 'R'?

4. Name 3 conditions where a life-jacket must be worn?

5. Name the markings should be on a boat's trailer?

6. What defines the maximum number of people allowed on a boat? _____

7. Which markings should be on a vessel?

8. What is a Certificate of Fitness? _____

9. Name 4 areas where a skipper may launch a boat?

10. When must a skipper leave details of his voyage?

11. Under which conditions will a vessel be prohibited from going on the water?

12. What does the following mean?

C.O.C / S.V.B. _____

C.O.F/ S.V.G. _____

P.W.C _____

13. Name 2 flags you should have on board? Their names and use (Know the colors)

14. When selling your boat what are your legal duties/requirements?

15. Who has the right to check your COF and COC?

POWER

1. What can happen if an engine overheats? _____

2. What are the 3 basic requisites for an engine to work?

3. How does the vessel's outboard motor stays cool?

4. What might be the problem if the engine does not want to start?

5. What might be the reason that the motor jumps out of gear?

6. What can be the reason for the propeller not turning?

7. Give 4 causes why an engine can over heat?

8. What action will a vessel take when the engine is trimmed down?

- Will level out
- Lifts the bow
- Lowers the bow
- Pull to the left

9. How would you trim your engine to get maximum speed?

- Down
- Level
- Up

10. Select the advantages of correct trimming (Multiple answers)

- Greater fuel efficiency
- Improves ride experience
- Create less wind resistance
- Assists with proper mix of oil and fuel in a two stroke engine

11. What is the main difference between a 4 stroke and a 2 stroke Engine? Wat is die grootste verskil tussen n vierslag en n tweeslag enjin? (3)

12. Name 3 checks you would perform on your motors should they not want to start. Noem 3 basiese punte wat jy sal nagaan indien jou motor nie wil aanskakel nie.

13. What is cavitation? / Wat beteken kavitasie?

14. What is the function of the impellor? Wat is die funksie van die "impellor" _____

15. Name 3 tools you should keep on your boat. _____

16. Name 2 spare parts you should keep on your boat. _____

SAFETY

1. When should life jackets be worn?

2. Name 5 legal requirements for life jackets?

3. How many fire extinguishers must a twin engine vessel have? _____

4. Name 4 legal requirements for a fire extinguisher.

5. Name 2 uses for a metal bailing bucket.

6. When using an anchor, the rope should be: What is the minimum length of an anchor rope? Wat is die minimum lengte van die ankertou? (1) _____

7. Give 2 advantages of the chain connected to the anchor. Gee 2 voordele van die ketting aan die ankertou. _____

8. What is the use of a "weak link" on an anchor?

9. When anchoring your boat, throw the anchor with both hands at least 3 meters in front of the bow.

True or false? _____

10. What is the use of a kill switch? _____

11. When having a fire at the engine, which actions can use to put it out?

12. Name 4 basic procedures you will follow if you have a fire on board Noem 4 dinge wat jy sal doen in die geval van n vuur aanboord.

13. When picking up divers or skiers or swimmers, which procedure will you follow? Wat is die prosedure wat gevolg moet word wanneer jy duikers/skiers/swemmers moet oplaai?

14. Name two ways you could attract someones attention in a distress situation. / Noem 2 maniere hoe jy aandag sal trek in n noodgeval?

15. Name the procedures you will follow when refueling.

16. What is the direction of travel on a dam? _____

17. What procedures must be followed when you have an accident on the water? _____

18. Which rules must you follow when towing skiers?

NOTE: You might be asked to draw the following:

- **Petrol system**
- **The anchor with rope, chain and weak link.**
- **Draw the weak link setup.**

SEAMANSHIP

1. Name 5 actions to do before leaving your home for your boating destination.

2. Name 5 actions before launching your boat.

4. What is a no-wake zone? Name 3 areas which can be classified as a no-wake zone.

4. What does the following mean?

Stern _____

Starboard _____

Stern _____

Bow _____

5. When approaching another vessel from behind, on which side can it be passed?

6. Which of the following vessels have right of way over power driven vessels?

- With engine power of more than 15hp
- Canoe
- Sail boat
- Jet Ski

7. What is the meaning of one blast on a hooter?

- Altering course to starboard
- Altering course to port
- Going astern
- What are you doing!

8. What does 2 blasts on the hooter means?

- Altering course to starboard
- Altering course to port
- Altering course to astern
- What are you doing!

9. Which circumstances will influence the speed you are allowed to cruise at? Name 3

10. Which type of knot will be most appropriate to tie two ropes of different thickness? Noem die knoop wat gebruik word om twee toue met verskillende diktes te knoop.

NAVIGATION

1. How many degrees are in a compass? _____

2. Which direction will the compass needle point to? _____

3. Where is the best place to mount a compass? _____

4. Name 3 things which is important when installing a compass.

5. Where will one find the compass rose? _____

6. What will be indicated on a compass rose?

- Deviation on vessel
- Variation
- Sea levels



Magnetic North

7. If you cruise 160 degrees to your destination, on which bearing will you cruise to return home?

8. Give the reciprocal of 205 degrees _____

10. Give the three-figure notation of two hundred and twenty sig degrees. _____

11. Port Hand Buoys are which color? _____

12. On which side of a the starboard buoy will one pass when going into a harbour? Aan watter kant , terwyl jy vaar in die hawe in, sal mens verby 'n 'starboard' booi gaan ? _____

13. On which side will be the safest water indicated by this Buoy?



14. On which side will be the safest water indicated by this Buoy?



Note: Make sure you know all four

FIRST AID

1. When you evaluate an injured person, what will be a sign of the injury? Name 2

2. Name 2 symptoms of an illness or injury.

3. What indicates arterial bleeding? _____

4. What does ABC in first aid terms mean?

A _____

B _____

C _____

5. When doing CPR, what is the ideal breathing ratio to heart compression expressed in breathing: compression? _____

6. Name 3 symptoms of shock?

8. Name 2 methods to stop bleeding?

9. Name 3 treatments/actions for shock?

10. How will you treat a patient suffering from asphyxia (choking)?

ONE MILE TO SEA

1. Name 3 safety equipment, not included in the 'R' category, on board a sea going vessel.

2. How much extra fuel should you have on board when going out to sea?

3. What will you use a drogue for? _____

4. When going out to sea, what should be checked at pre-launch check. Name 4

5. When encountering surface chop, particularly smaller boats will deliver an unnecessarily bumpy ride if left trimmed at calm water angles. How can you improve ride quality?

- Trimming in
- Trimming out
- Lift the bow
- Lower the bow

6. When following the sea which of the following should be applied?

- Keep the bow down
- Keep the bow up
- Travel downward same speed as the wave
- Go with high speed through waves

7. Name 4 items which should be in a capsized bottle?

8. Name 4 actions a skipper must take when capsized.

9. What is a weather forecast? _____

10. Which scale would you use to describe the strength of wind? Watter skaal sal jy gebruik om die sterkte van die wind te beskryf?

11. A **sea breeze** or **onshore breeze** is a gentle wind that develops over bodies of water near land due to differences in air pressure created by their different heat capacity. True or False?

- True
- False

12. A falling barometer, indicating reduced pressure, shows that a low-pressure mass of air is approaching. Such low-pressure systems generally bring good weather. True or False?

True

False

What does the following mean?:

Abeam _____ -

Ahead _____

Astern _____

Aweigh _____

Bulwark _____

Cast off _____

Cleat _____

Displacement _____

Draft _____

ETA _____

ETD _____

Ebb _____

Fender _____

Fore aft line _____

Freeboard _____

Gunwales _____

Helm _____

Keel _____

Planing hull _____

Scupper – _____

Slack tide _____

Transom – _____

Wash – _____

Weighing anchor _____

YOU ARE READY!! HAVE A GOOD REST BEFORE THE EXAM AND DO NOT STRESS.

REMEMBER – BOATING IS SOMETHING TO ENJOY AND RELAX!