Regulations Sample Questions:

The following are typical of the questions used in the written multi-choice question Regulations Assessment for the Standard/AdvancedLicences. Reference should also be made to the AOCP(S)/AOCP(A) syllabuses and Licence Conditions Determinations accessible on the Amateur Radio Victoria website.

Emergency Procedures

An amateur operator hears a distress call on 3725 kHz. After a reasonable time no acknowledgment is heard. What should the amateur do?

- a) Call the station in distress on 3725 kHz, acknowledge the call and offer assistance
- (b) As 3725 kHz is not an amateur frequency, no help can be given
- (c) As 3725 kHz is not an amateur frequency, take down the information supplied and pass it to the relevant authority
- (d) Nothing. Only authorised distress or disaster stations are permitted to assist in a distress situation

The Distress Signal in radiotelephony is:

- (a) SOS SOS SOS
- (b) MAYDAY MAYDAY MAYDAY
- (c) PAN PAN PAN
- (d) QRZ QRZ QRZ

The Urgency Signal in radiotelegraphy is:

- (a) SOS SOS SOS
- (b) MAYDAY MAYDAY MAYDAY
- (c) XXX XXX XXX
- (d) QUM QUM QUM

==============Answer-c

What is the Urgency Signal in radiotelephony?

- (a) PAN PAN PAN PAN PAN
- (b) MAYDAY MAYDAY MAYDAY
- (c) QRZ QRZ QRZ
- (d) SOS SOS SOS

===========Answer-a

What are the first steps the licensee of an amateur station should take upon hearing a distress call?

- (a) Close down the station and report the incident
- (b) Cease transmitting and continue to listen on the frequency
- (c) Call the Police rescue squad, monitor and record all activities on the frequency
- (d) Send CQ QUM and keep listening until rescue is effected

Under what circumstances may an amateur operator transmit out of band?

- (a) No circumstances
- (b) To assist with a distress situation
- (c) If requested by the manager of a communications network
- (d) If requested by a senior Air Traffic Controller

(b) May only be transmitted by operators holding Advanced Licences(c) In telephony, comprises the words CQ Distress, and the station identifica(d) May be heard on any frequency	
A station is justified in sending a MAYDAY call if it is: (a) In a distress situation (b) In a situation requiring urgent attention (c) About to send a safety message (d) About to send an urgent message	-=Answer-a
Frequency Allocations On which one of these are amateur transmissions NOT permitted? (a) 1.800 MHz - 1.875 MHz (b) 3.794 MHz - 3.800 MHz (c) 18.068 MHz - 18.168 MHz (d) 26.960 MHz - 27.500 MHz	Answer-d
Which of the following is NOT an authorised Australian amateur band? (a) 1800 kHz - 1875 kHz (b) 3.50 MHz - 3.70 MHz (c) 10.5 MHz - 10.75 MHz (d) 420 MHz - 450 MHz	
Which of the following frequencies may be used by all radio amateurs their grade of station licence? (a) 1.840 MHz (b) 52.350 MHz (c) 146.700 MHz (d) 7.370 MHz	whatever
The 15 metre amateur band includes the frequencies between: (a) 18.068 and 18.168 MHz (b) 10.100 and 10.150 MHz (c) 21.000 and 21.450 MHz (d) 20.000 and 21.000 MHz	
The 40 metre amateur band includes the frequencies between: (a) 40.000 and 45.000 MHz (b) 10.300 and 10.650 MHz (c) 7.0 and 7.3 MHz (d) 26.000 and 26.950 MHz	

What is the lowest amateur band that can be used for pulse transmissions? (a) 241 GHz - 250 GHz (b) 3300 MHz - 3600 MHz (c) 1240 MHz - 1300 MHz (d) 420 MHz - 450 MHz ===================================
Which one, if any, of the following bands is NOT an amateur band? (a) 3.794 MHz to 3.800 MHz (b) 18.068 MHz to 18.168 MHz (c) 24.890 MHz to 24.900 MHz (d) None, they are all amateur bands ===================================
A major distinction between the privileges for licensees of Standard stations and licensees of Foundation stations is that: (a) Standard operators may use computer generated data modes but Foundation operators may not (b) Foundation licensees do not have access to HF but Standard licensees do (c) Standard operators can use CW but Foundation operator cannot (d) Only Standard operators may use FM on the 29 MHz band ============Answer-a
The Amateur Service is described as being a secondary user on a frequency band, and another radio service is the primary user, which means: (a) Radio Amateurs are not permitted to cause harmful interference to the primary users (b) Access to the band is only allowed for disaster communications (c) The primary users were allocated the band first (d) Relates only to the fact that the Amateur Service is no-commercial ===================================
A repeater station with an output on 438.525 MHz may be usedby: (a) Advanced stations only (b) Any amateur station except Foundation stations (c) Any amateur stations (d) Advanced and Standard stations only ===================================
On which of the following frequencies can VK4JRL and VK6FHLV not hold a 2-way telephony contact? (a) 28.625 MHz (b) 52.56 MHz (c) 144.50 MHz (d) 439.25 MHz ===================================
The operator of an Advanced station is permitted to transmit wideband emission: (a) Above 420 MHz (b) Below 28 MHz (c) Between 144 MHz and 420 MHz (d) On any amateur frequency ========Answer-a

The lowest frequency band for Standard stations is: (a) 80m (b) 15m (c) 6m (d) 160m ====================================
Power Limitations What is the maximum peak envelope power an Advanced station operator may use on the band 144.0 MHz - 148.0 MHz? (a) 30 watts (b) 400 watts (c) 120 watts (d) 10 watts ===================================
In areas where there are no restrictions, the maximum peak envelope power permit on the 50.0 - 52.0 MHz band is: (a) 400 watts (b) 25 watts (c) 120 watts (d) 30 watts
The permissible peak envelope power output for a transmitter operated by a Standard in the single sideband mode is: (a) 120 watts (b) 400 watts (c) 100 watts (d) 30 watts ==================================
The maximum permissible output power of a 14.2 MHz amateur transmission with single sideband voice emission is: (a) 400 watts (PEP) (b) 400 watts (mean) (c) 120 watts (mean) (d) 120 watts (PEP)
What is the maximum mean power (pY) the operator of an Advanced station may use on the band 28.1 MHz - 28.6 MHz? (a) 30 watts (b) 400 watts (c) 120 watts (d) 10 watts ==================================
The power limitation for the holder of a licence for an Advanced station is: (a) 400 watts pX above 50 MHz and 30 watts pX below 50 MHz (b) 400 watts pX on all permitted bands (c) 30 watts pX on all permitted bands (d) 30 watts pX above 50 MHz and 400 watts pX below 50 MHz ===========Answer-b

An Advanced station using CW (Morse code) is restricted to a power outp (a) 10 watts pY (b) 30 watts pX (c) 120 watts pY (d) 400 watts pX ====================================	
The maximum output (mean) power permitted for an Advanced amateur transmitter using frequency modulation is: (a) 400 watts (b) 200 watts (c) 120 watts (d) 30 watts	-Answer-c
The maximum permitted power for a Standard station using SSB is: (a) 10 watts pY (b) 30 watts pX (c) 100 watts pX (d) 400 watts pY	-Answer-c
The maximum permitted power for a Standard station using FM telephony (a) 10 watts pX (b) 30 watts pY (c) 120 watts pY (d) 400 watts pX	is:
Bandwidth Narrow band (slow scan) television transmissions: (a) Are not permitted in bands below 420.0 MHz (b) Require special approval from the ACMA (c) Need not include station identification (d) Must not be conducted by licensees of Foundation stations	-Answer-d
When using frequencies below 28 MHz the bandwidth must not exceed: (a) 6 Hertz (b) 16 Hertz (c) 8000 Hertz (d) 16000 Hertz	
Which of the following modes is considered to be a "wideband emission" (a) RTTY (b) FM telephony (c) Slow Scan TV (d) Fast Scan TV	:

An emission designation includes 6M25 which means:

- (a) A TV signal with six monochrome (black and white) dots for every 25 colour dots
- (b) Six metre band transmission with 25kHz bandwith
- (c) Intermodulation limits or 6dB to 25dB
- (d) It has a bandwidth of 6.25Mhz

The bandwidth of an amateur transmission:

- (a) Must be kept at least 3 kHz away from the band limits
- (b) May extend beyond the band limits, providing the carrier is within the amateur band
- (c) Must be kept at least 1 kHz away from the band edge
- (d) Must be wholly contained within the amateur band frequency limits

Interference

Interference which seriously degrades, blocks or repeatedly interrupts a communications service is termed:

- (a) Degrading interference
- (b) Communications interference
- (c) Harmful interference
- (d) Regulations interference

============Answer-c

Before transmitting, receiver gain should be maximised on the frequency proposed to be used. This is to:

- (a) Monitor the bandwidth of the licensee's own transmission
- (b) Ensure that a reply to the call will not be missed
- (c) Ensure that the frequency is not already in use
- (d) Check propagation characteristics of the frequency in use

A neighbour complains that an amateur's equipment is interfering with television reception. The amateur should:

- (a) Attempt to rectify the problem and, if unsuccessful, notify the ACMA
- (b) Attempt to rectify the problem and, if unsuccessful, close down the station completely
- (c) Surrender his licence to the ACMA until the problem is solved
- (d) Notify the ACMA immediately and request permission to use increased power

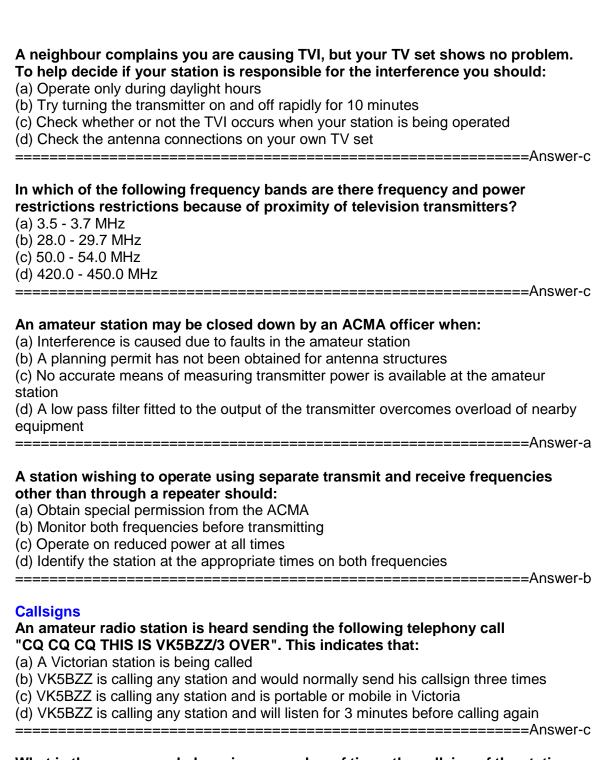
If an amateur operator receives a report from another station that his transmissions are of poor quality the amateur should immediately:

- (a) Instruct the reporting station to notify the ACMA
- (b) Carry out tests with monitoring equipment to check the quality of the transmissions
- (c) Cease operating until propagation conditions improve
- (d) Raise the output power to the permitted maximum and check for radiated harmonics

The possession of an amateur licence for an Advanced station does not authorise the licensee to:

- (a) Communicate with overseas radio amateurs
- (b) Pass third party messages during emergencies
- (c) Claim immunity from interference
- (d) Communicate with Foundation licensees

==============Answer-c



What is the recommended maximum number of times the callsign of the station you are calling should be sent?

(a) 1

(b) 3

(c) 10

(d) Does not matter

Which callsign could be issued to a licensee of a Standard station? (a) VK3ABC (b) VK4VAB (c) VK3UAG (d) VK5QED ========Answer-b
An amateur licensed to operate an Advanced station could be issued a callsign from the sequence VK*: a) NLA - NLZ b) LAA - LZZ c) OAA - AZZ d) ZAA - ZZZ =================================
The callsign prefix "AX" may be allocated: (a) For use during a special commemorative event in Australia (b) To an amateur network passing emergency traffic (c) To an ocean-going ship in Australian waters (d) For communication with manned satellites ===================================
The following call is heard on 14.201 MHz: "VK3ABC VK3ABC VK3ABC this is VK5FXDB VK5FXDB VK5FXDB over". Which of these statements is correct? (a) VK5FXDB is called by VK3ABC, on telephony in the telegraphy section of the band (b) Improper calling procedures are being used (c) VK3ABC is being operated out of band (d) VK5FXDB is not permitted to use this frequency ===================================
Which callsign could be issued for the operation of a Standard station? (a) VK4NG (b) VK2NKA (c) NK3BKM (d) VN1NRP ===================================
The prefix VK in an amateur callsign indicates that the: (a) Licence has been issued in Australia (b) Holder has an Advanced Licence (c) Callsign can be used only within Australia (d) Radio amateur holding that licence is on official ACMA business ==================================
A station using the callsign VK1NSR/4 is indicating that: (a) It is an ACT station temporarily operating in Queensland (b) The operator's licence has now been held for four years (c) A Queensland station is operating mobile temporarily in the ACT (d) VK1NSR also holds three other callsigns ===================================

An amateur station situated permanently on the Australian External Territory of Cocos Island would be allocated a callsign commencing with: (a) VK9 (b) VK8 (c) VK1 (d) VK0	
An amateur station permanently in Tasmania will be allocated a callsign commencing with: (a) VK6 (b) VK7 (c) SA5 (d) TA8 ====================================	
A station having the callsign VK5NAA would be: (a) A South Australian Standard station (b) Licensed to operate above 28 MHz only (c) A station holding a special licence to operate in Antarctica (d) A Victorian beacon station ===================================	er-a
Which of the following is the correct calling procedure for radiotelephony? (a) THIS IS VK7APL CALLING VK6AB, 7APL CALLING 6AB (b) VK6AB VK6AB VK6AB THIS IS VK7APL VK7APL VK7APL OVER (c) VK7APL TO VK6AB VK7APL TO VK6AB COME IN PLEASE (d) VK6AB VK6AB DE VK7APL K ===================================	ır-h
A callsign beginning with VK8: (a) Indicates a Victorian licensee (b) Is issued to an amateur in the Australian External Territories (c) Indicates a licensee in the Australian Antarctic Territory (d) Identifies an amateur licensed in the Northern Territory ===================================	
The callsign suffix series RAA to RZZ mainly are used for? (a) Standard stations (b) Repeater stations only (c) Advanced stations (d) Repeater and Beacon Stations	
An amateur calling "CQ" is calling: (a) Any station (b) A station with the suffix "CQ" (c) Any amateur station which is entitled to work on the band (d) A station of a particular type ===================================	

Which callsign should NOT be heard on the 50.0 - 54.0 MHz band? (a) VK8BA
(b) VK6ZZZ
(c) VK3ACC
(d) VK1FVED ====================================
A television picture is required to be identified: (a) By having the callsign shown permanently in one corner of the picture
(b) By showing the callsign at least once every 10 minutes and at the beginning and end
of a series of transmissions
(c) By having the callsign shown in the frame blanking pulse in digital form(d) By showing a picture of the amateur station and operator at least every 10 minutes
=========Answer-b
The callsign VK3LAA could be issued to the operator of:
(a) An Advanced station
(b) A Standard station
(c) A Ship station (d) A Foundation station
======================================
The licensee of an Advanced station would be issued which callsign? a) VK3ABC b) VK3FGHI c) VK3VKL d) VK3QDA
======================================
You hear a station identifying as VI4BWI. You would recognise it as a: (a) Station commemorating a special event of local significance (b) Novice Limited station (c) Victorian station in Queensland
(d) Station on one of the islands off the coast of Australia.
======================================
The callsign suffix group IYA - IYZ is reserved for issue to: (a) Visiting amateurs (b) Commemorate United Nations' declared years
(c) Specified Youth Groups and schools
(d) Stations participating in International contests =================================
A callsign issued for a special event of National or International importance could have the prefix: (a) AU (b) AX (c) VI (d) VE
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Licensing

The major Australian legislation that governs radiocommunications is the:

- (a) Australian Constitution
- (b) Australian Communications and Media Authority (ACMA) Mission statement
- (c) Radiocommunications Act
- (d) Apparatus Licence Regulations

============Answer-c

A "third party message" is:

- (a) News which results in financial gain for the operator
- (b) A message sent or received on behalf of a non-amateur
- (c) A broadcast of amateur news
- (d) A general broadcast concerning unusual propagation conditions

A person from overseas may obtain an Australian amateur licence:

- (a) Only by passing the relevant Australian licence assessments
- (b) If he/she holds a qualification recognised as equivalent to an Australian amateur qualification
- (c) For a period of seven days only

The requirement for a person to have the necessary qualifications before being permitted to operate an amateur station is:

- (a) Covered by International Radio Regulations
- (b) A requirement of the ACMA only
- (c) A requirement of individual administrations only
- (d) Not covered by international agreements

Under what circumstances may an amateur licensee reserve a particular frequency for private use?

- (a) When the licensee is in a remote geographical location
- (b) When no public telephone service is available
- (c) To reserve the frequency for a network operation
- (d) Under no circumstances

Operating/repeaters

A log book must be kept:

- (a) For use at the licensed address, but it is not necessary for mobile operation
- (b) To be shown to a police sergeant on request
- (c) To record any distress messages
- (d) By club stations

A Standard licensee is the only licensee available to operate a Club station. What bands and power may be used?

- (a) Power and bands as allowed for Standard stations
- (b) Power and bands as allowed for Advanced stations
- (c) Station cannot be used as a Standard licensee is not authorised to use a Club station
- (d) Power as permitted for a Standard, but bands as authorised for an Advanced station

A licence condition of all amateur repeater station is that: (a) A device be fitted preventing transmission in the absence of a received signal (b) Its power output is limited to 30 watts pY (c) It serves an area containing a minimum of 50 amateur stations (d) It not be co-sited with a commercial service
An application for a licence for a repeater or beacon station must include: (a) A list of the groups to be permitted to use the facility (b) A map of the coverage area and details of expected hours of operation (c) Detailed circuit diagrams of all amplifier stages (d) Details of the means to stop transmissions if interference to other services occurs =========Answer-d
Which of these transmissions is NOT allowed on the amateur bands? (a) A discussion with another operator on your latest transceiver (b) A description of your new child (c) A musical excerpt from your latest compact disc (d) A television picture of your antenna ==================================
Which of these is NOT allowed to be sent as an amateur television image? (a) An image of your house (b) An image of equipment you have for sale with prices (c) An image of a group of unlicensed persons around your barbecue (d) An image of your antenna system ===================================
When operating an amateur station you must: (a) Only speak in the English, French or Spanish languages (b) Use the English language only for all telephony, telegraphy and data modes (c) Not send a message in a secret code (d) Announce your callsign at least every 30 minutes ===================================
Before retransmitting a transmission from another amateur station you must: (a) Hold an Advanced Licence (b) Obtain permission of the other operator for the retransmission (c) Only do so for a maximum total of five minutes a calendar year (d) Be engaged in a QSO with the other station ===================================
An unqualified person may transmit from an amateur radio station provided that: (a) The person owns the equipment (b) Only Morse code is used (c) A qualified operator supervises and identifies by announcing callsigns (d) The unqualified user is over 18 years of age ===================================

Portable amateur repeater stations may operate for up to 7 days away from base: (a) Without prior ACMA approval

- (b) When licensed by the WIA
 (c) With full protection from any harmful interference from local devices
 (d) Regardless of interference caused to other services

------Answer-a

Amateur stations should be identified: (a) At the beginning of every transmission (b) At the beginning and end of a series of transmissions and at least every ten minutes (c) Twice when calling CQ (d) In the language of the country being contacted ========Answer-b
An amateur station other than a beacon or repeater station may be operated in a portable capacity without prior ACMA approval for no more than: (a) 1 week (b) 2 months (c) 4 months (d) 6 months ===================================
What additional document is required to be used at a Club station compared to a normal Amateur station? (a) List of Club stations (b) List of qualified Amateur operators authorised to control the station (c) A log book (d) A copy of the Radiocommunications Act ===================================
Phonetics Using the recommended phonetic alphabet how would the callsign VK6TAD be said?
 (a) Victor Kilo Six Tango Alfa Delta (b) Victor Kilo Six Tango Alfa Dog (c) Victor Keno Six Tango Able Delta (d) Victor Kilo Six Tango Alfa Data ====================================
Phonetics should be used when: (a) Interference is so great that a message is obliterated (b) Readability of voice signals is difficult (c) Morse signals are difficult to read (d) A television signal is breaking up ===================================
Q codes What does "QRM 5" mean? (a) I am being interfered with by a VK5 station (b) I am suffering extreme interference (c) I am being interfered with by 5 stations (d) I am extremely troubled by static ===================================
Severe static is harming reception. The appropriate "Q" code to use would be? (a) QRM (b) QRN (c) QSB

(d) QRO

The "Q" code for "your signals are fading" is: (a) QSY (b) QRK (c) QSB (d) QRU ====================================
The "Q" code: (a) Is used for emergency communications only (b) Is intended to maintain secrecy of communications (c) Increases the speed of communications and is universally understood (d) Is not used for Morse code transmissions ===================================
The "Q" code for "Can you acknowledge receipt of message?" is: (a) QSY? (b) QTH? (c) QRZ? (d) QSL? ===================================
The "Q" code QRT is a request to: (a) Pass a message (b) Decrease power (c) Resume normal working (d) Stop sending ===================================
The "Q" code signal "QSY 3575" means: (a) Emergency traffic is being received on 3575 kHz (b) Please change the frequency of transmission to 3575 kHz (c) Please send a series of Vs (d) Your exact transmitting frequency is 3575 kHz ===================================
The Q code signal "QRP" means: (a) Repeat the last message (b) Decrease power (c) Decrease modulation level (d) Repeat your callsign ===================================
To avoid interference it may be desirable to change frequency. The appropriate "Q" code is: (a) QRT (b) QSY (c) QRH (d) QUM ===================================

The "Q" code "QSB" means:

- (a) I am troubled by static
- (b) Send more slowly
- (c) Your signals are fading
- (d) I am listening to ----

Testing

When carrying out a test transmission, the licensee should:

- (a) Transmit without listening for at least 10 seconds
- (b) Use separate receive and transmit frequencies to protect the receiver
- (c) Adjust the transmitter for maximum power
- (d) Identify the station and indicate the transmissions are for testing purposes

For the purposes of tests, an unmodulated wave may be transmitted:

- (a) For a brief period
- (b) Only on frequencies above 28 MHz
- (c) For 15 minutes maximum
- (d) As long as necessary provided the power does not exceed 10 watts

VK3NNN wishes to make a test with a new transmitter on 28.45 MHz. Which procedure is correct?

- (a) Say the word "Test" three times and then leave the carrier running 10 minutes
- (b) Monitor the frequency, send the word "TEST" in Morse code, and send a series of "CQ"
- (c) Monitor the frequency, and state that the transmission is a test
- (d) Announce "VK3NNN testing" three times and then let the transmitter run for 15 minutes

Disclaimer: No claim is made as to the completeness nor total accuracy of this Regulations Sample Questions. Any correspondence should be emailed to arv@amateurradio.com.au If you find these sample questions helpful in being found competent in the Regulations written assessment, please send us an email.

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