

# PRACTICE

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Try your hand at the Ham Radio Today RAE practice papers. Using our special facilities, we have provided questions which very closely parallel those set by the City and Guilds Institute.

The full exam requires the candidate to answer 95 questions in three hours. The 25 questions given here should be completed in about 50 minutes

- 1) Having written to inform the necessary officials of your intention to set up a station at alternative premises, the minimum time which must elapse before the station may be operated at these premises is:
  - a) the same day
  - b) one week
  - c) ten days
  - d) one month
- 2) An amateur sending and receiving station for wireless telegraphy may be used by:
  - a) the licensee and family aged over 14 years
  - b) the licensee and husband/wife
  - c) the licensee only
  - d) the licensee and holders of Amateur Radio Certificates when under the supervision of the licensee.
- 3) The amateur's licence and log book is liable to inspection by:
  - a) a person acting under the authority of the Secretary of State at any reasonable time
  - b) a person acting under the authority of the Secretary of State at any time
  - c) officials of the Radio Society of Great Britain at any reasonable time
  - d) the local police, on receipt of complaints, at any time
- 4) The purposes for which an amateur wireless station may be used includes the use of the station for sending to other licensed amateur stations:
  - a) messages in plain language which are remarks of a business nature providing these are known to both the sending and receiving stations
  - b) any third party messages which may appear necessary in times of national disaster
  - c) messages to amateur wireless stations in general
  - d) details pertaining to the commercial equipment used by the operating station
- 5) In the terms of the Amateur Licences A and B, the term "UK" shall mean only:
  - a) England, Ireland, Scotland and Wales.
  - b) England, Northern Ireland, Scotland and Wales.
  - c) the United Kingdom of Great Britain, Northern Ireland, the Isle of Man and the Channel Islands
  - d) the United Kingdom of Great Britain and Northern Ireland

- 6) The maximum bandwidth for J3E transmissions is chosen so as to:
  - a) not exceed 25 kHz
  - b) not exceed 2.5 kHz
  - c) be within the narrowest possible frequency
  - d) not exceed 1/25 th of the frequency band being used
- 7) When constructing an aerial in the proximity of an overhead power cable, proper precautions must be taken to the satisfaction of:
  - a) the station owner
  - b) the local police
  - c) the Home Office
  - d) the owner of the power cable
- 8) Particular care will have to be taken to minimise the risk of interference to others when aerials are sited:
  - a) in a loft
  - b) close to overhead power lines
  - c) less than 20ft above the ground
  - d) within 50yds of an aerodrome boundary
- 9) To reduce mains-borne interference when using an end-fed antenna one must ensure that:
  - a) the mains earth is used
  - b) a good, short low-resistance connection to a cold water tap is used
  - c) no earth connection is used
  - d) a good, short low-resistance connection to an earth spike is used
- 10) To comply with the Licence regulations pertaining to non-interference, the Licensee shall conduct tests on his equipment:
  - a) weekly
  - b) from time to time
  - c) on the receipt of new equipment
  - d) on receiving complaints from any other user of wireless telegraphy