

VHF/UHF Operator's Certificate Sample Examination Paper 2

All 25 questions should be attempted; you must get at least 13 correct to pass this test.

Time allowed: 25 minutes

Name and Initials _____ Date of Exam _____

1. What is the phonetic for the letter "E" ?
 - a. Elco
 - b. Elver
 - c. Echo
 - d. Ever
2. What answer should you give if asked to authenticate "Bravo" ?
 - a. Squadron Number
 - b. Squadron Name
 - c. Callsign Number
 - d. Squadron Number reversed
3. What must you expect when in contact with another station you hear the word "Message" ?
 - a. Listen carefully
 - b. To write something down
 - c. Call the C.O.
 - d. Call the Communications Officer
4. When can you transmit your name?
 - a. When asked by the other station
 - b. If you recognise the other operators voice
 - c. Never
 - d. When carrying out radio practises within the squadron
5. You put out an AC call and get no reply, what should your next action be?
 - a. Keep calling
 - b. "From MRL ...nothing heard, listening out"
 - c. "From MRL.....anyone out there"
 - d. Keep calling every 30 seconds
6. What does the letter "R" represent in the callsign MRL?
 - a. Associated with the RAF
 - b. Radio Station
 - c. Regional Radio Station
 - d. Associated with the RAFVR(T)
7. In any radio contact there are 3 elements to consider; the sender, the receiver and?
 - a. The interloper
 - b. The intruder
 - c. The interferer
 - d. The impala
8. To which portion of the Frequency Spectrum does our VHF Channels belong?
 - a. 30-300 MHz
 - b. 3-30 MHz
 - c. 300-3000 MHz
 - d. None of these
9. What property does a dipole aerial possess?
 - a. Omni-directional
 - b. Very large front beam width
 - c. Narrow beam width
 - d. Can only be used horizontally
10. If the majority of the squadrons you wished to contact were within a 60 degree arc of your station, what aerial would be most suitable?
 - a. Dipole
 - b. Folded dipole
 - c. A multi-element directed central within this arc
 - d. Whip aerial
11. What is the maximum power we are authorised to use on our frequencies?
 - a. 2.5 Watts
 - b. 20 Watts
 - c. 25 Watts
 - d. 250 watts
12. What way should an aerial be best polarised for working mobiles?
 - a. Horizontally
 - b. Doesn't matter
 - c. Vertically
 - d. Circular
13. When reporting signal strength what level is immediately below "Good"?
 - a. Very weak
 - b. Reasonable
 - c. Fading
 - d. Weak
14. Readability has 6 levels. What is the 4th?
 - a. Distorted
 - b. Intermittent
 - c. Unreadable
 - d. Breaking up

15. Who is Sunray Major?
 - a. CO
 - b. Regional Commander
 - c. Wing Commander
 - d. Wing Communications Officer
16. Using the mnemonics R.S.V.P. what does the "S" represent?
 - a. Speech
 - b. Sure
 - c. Speed
 - d. Steady
17. What does DTG stand for?
 - a. Day, Time, Greenwich
 - b. Day, Time, Group
 - c. Date, Text, Group
 - d. Date, Time, Group
18. When referring to time "Z" means Greenwich Mean Time. What does "E" mean?
 - a. 3 hours behind Z
 - b. 3 hours ahead Z
 - c. 5 hours ahead Z
 - d. 5 hours behind Z
19. Radio logs should be maintained for:
 - a. Transmissions only
 - b. VHF only
 - c. Both transmissions and receptions
 - d. All channels, recording all transmissions and receptions
20. What precautions must be taken when carrying spare NiCad batteries?
 - a. None necessary
 - b. Loose in the pocket
 - c. They must be protected in a plastic/insulated bag before carrying in a pocket
 - d. Never be carried
21. In order to maintain NiCad batteries in a prime condition what action should be taken?
 - a. Charge at any time
 - b. Charge when voltage falls below 1.1 Volt
 - c. Discharge first then charge at a constant current rate
 - d. Charge when the voltage falls below 1.05 Volts
22. What is a RCD?
 - a. Remote Current Device
 - b. Residual Control Detector
 - c. Remote Current Detector
 - d. Residual Current Device
23. What is our National Electricity Supply?
 - a. 200v - 60 cps
 - b. 220v - 440 cps
 - c. 230v - 60 cps
 - d. 230v - 50cps
24. What standard rated fuse should you use if your equipment is rated as 250 volts and 1000W?
 - a. 15 Amp
 - b. 25 Amp
 - c. 5 Amp
 - d. 2 Amp
25. Other than qualified Communications Officers, who else may enter a Communications Room and, unsupervised, operate VHF/UHF equipment?
 - a. Cadets in possession of a Full VHF/UHF Operators Certificate
 - b. Any adult member of staff
 - c. Any cadet SNCO
 - d. Any cadet with a minimum of 10 hours operating experience