

## COMMUNICATION EXAMS

1. The correct pronunciation for the number 2500 when used to pass altitude, height, cloud height or visibility by radiotelephony is
  - a) TWO FIFE ZERO ZERO
  - b) TOO TOUSAND FIFE HUNDRED
  - c) TWO THOUSAND FIVE HUNDRED
  - d) TWENTY FIVE HUNDRED
  
2. A broadcast is a transmission of:
  - a) Navigational information for which no reply is expected
  - b) Information that is not addressed to specific station or stations
  - c) Information addressed to more than one aircraft
  - d) Any information from the ground to an aircraft
  
3. Air-ground communication is a:
  - a) Two-way communication between an aircraft and a station on the surface of the earth
  - b) One-way communication from stations on the surface of the earth aircraft .
  - c) One-way communication from an aircraft to a ground station
  - d) One way communication from stations or locations on the surface of the earth to aircraft
  
4. . A Blind Transmission is:
  - a) A transmission of information relating to the safety of air navigation that is not addressed to a specific station or stations.
  - b) A transmission from aircraft to obtain VDF guidance to descent from the initial approach from which the aircraft can be identified
  - c) A transmission from an aeronautical station to all aircraft on its frequency
  - d) A transmission made in circumstances where two way communication cannot be established but it is believed that the called station is able to receive the transmission
  
5. The correct abbreviation for the call sign Kenya 5Y-BPC is
  - a) Kenya 5-PC
  - b) Kenya Y-C
  - c) Kenya PC
  - d) Kenya 5Y-BC
  
6. Your radio check is reported as readability 3 your transmission is
  - a) Unreadable
  - b) Perfectly readable
  - c) Reading only half the time
  - d) Readable but with difficulty

7. If you wish to say "Wait and I will call you" the correct phrase to use is:
- Hold
  - I say again
  - Standby
  - Go ahead
8. The priority for an urgency call is:
- Lower than for a Pan Pan medical transport signal
  - Higher than for everything else but less than for distress
  - Higher than any other priority
  - Dependent upon the seriousness of the condition.
9. . If a controller passes an instruction and you understand it and will do what you are required, the standard reply is:
- Verify
  - Roger
  - Confirm
  - Wilco
10. You have made a mistake in your transmission. What phrase or word would you use to address the problem
- I say again
  - Correction
  - How do you read
  - Correct
11. What does the phrase break break mean
- This exchange of information is ended and no response is expected
  - It indicates the separation between portions of a message transmitted to an aircraft station
  - It indicates the separation between portions of a message transmitted to different aircraft in a very busy environment
  - Communication is coming in broken. Please send every word or group of words twice
12. What is the radiotelephony call sign for the aeronautical station indicating direction finding station
- Information
  - Centre
  - Control
  - Homer

13. An Aeronautical station is defined as
- a) A radio communication service between aircraft stations and ground stations or between aircraft stations
  - b) A land station in the aeronautical mobile service, in certain instances, an aeronautical station may be placed on board a ship or an earth satellite
  - c) A mobile station in the aeronautical mobile service on board an aircraft
  - d) A radio station broadcasting aeronautical information to all aircraft in the vicinity of an aerodrome
14. The abbreviation for the callsign Airbus XY-ABC would be:
- a) Airbus XY-BC
  - b) Airbus BC
  - c) ABC
  - d) XY-BC
15. Radio silence can be imposed by an aeronautical station in case of:
- a) Technical difficulties
  - b) Serious aircraft communication.
  - c) Overload of the frequency
  - d) Distress condition
16. The correct pronunciation of the frequency 122.1 MHz when passed by radiotelephony is
- a) ONE TWO TWO POINT ONE
  - b) WUN TOO TOO DAYSEEMAIL WUN
  - c) WUN TOO TOO DECIMAL ONE
  - d) ONE TWENTY TWO DAYSEEMAL ONE
17. What ,if any, is the abbreviated call sign of Emirates 324
- a) Emirates Airlines 324
  - b) Emirates 24
  - c) No abbreviation
  - d) Echo Alfa 324
18. URGENCY is defined as a condition
- a) Of being threatened by services and or immediate danger and of requiring immediate assistance
  - b) Concerning the safety of an aircraft or other vehicle or of some person on board or within sight and requiring immediate assistance
  - c) Concerning the safety of an aircraft or other vehicle or of some person on board or within sight but which does not require immediate assistance
  - d) Concerning the safety of an aircraft or other vehicle or of some person on board or within sight requiring urgent assistance from other flights

19. How do you transmit 3500 Runway Visual Range

- a) Three five zero zero feet
- b) Three thousand five zero zero feet
- c) Thirty five hundred feet
- d) Three thousand five hundred feet

20 . An aircraft station shall acknowledge receipt of instructions by reading them back and terminating the read back by

- a) The use of the word "wilco" meaning will comply
- b) The aircrafts radio call sign
- c) The call sign of the ground station
- d) The use of the word "correct"

## **PART 2**

1. Define **any three** of the following words or phrases.

- i. Blind transmission
- ii. Broadcast
- iii. Urgency condition
- iv. Ground - to air communication:

**6 marks**

2. Indicate how the following are transmitted using radiotelephony communication

(a)

- i. 12,000
- ii. Transponder code 1010
- iii. 3,000
- iv. 6,005
- v. Altitude 16,500 ft
- vi. 118.5
- vii. Wind direction and speed 240 / 50
- viii. Time 0920
- ix. 200
- x. KQA 213

**10 marks**

3. Indicate the meaning of the following words and phrases as used in Radiotelephony communication (a)

- i. Disregard
- ii. Standby
- iii. Over
- iv. I say again
- v. Wilco
- vi. Acknowledge

**12 marks**

(b) Indicate the call signs of the following aeronautical stations

- i. Aerodrome Control
- ii. Aeronautical station
- iii. Area Control Centre
- iv. Direction finding station
- v. Approach control
- vi. Flight information service

**0 marks**

4. Explain the specific actions that an aircraft station would take in an event that it fails to establish communication with an aeronautical station on the designated frequency.

**10 marks**