

Exam simulation

EASA Drone Quiz, 50 questions on 60 minutes!



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STUDENT NAME:

DATE AND TIME:

01. A good pre?flight checklist should include:

- a) Battery/prop integrity, compass/IMU status, home point, control link, weather
- b) Camera ISO value only
- c) SD card free space only
- d) Aesthetic inspection

02. A good pre?flight checklist should include:

- a) Battery/prop integrity, compass/IMU status, home point, control link, weather
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- c) Aesthetic inspection
- d) Camera ISO value only

03. If I fly in VLOS, do I have to keep the UAV in sight at all times?

- a) Ignore if GPS OK
- b) Maintain VLOS; land if lost visibility
- c) Continue using sensors only
- d) Climb above obstacles

04. If flight is planned in an urban area, the category could be:

- a) Always Open A1 over people
- b) Only Certified
- c) Open (A1/A2) if conditions met; otherwise Specific depending on risk/airspace
- d) Only A3

05. In METAR, what does OVC065 indicate?

- a) Overcast cloud layer with base at 6,500 ft AGL
- b) Scattered clouds at 6500 ft AGL
- c) Broken clouds at 6,500 m AMSL
- d) Sky clear (CAVOK)

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06. Information on airspace structure and UAS?limited/no?UAS zones is available from:

- a) Official aeronautical sources/CAA UAS geoportals and NOTAMs
- b) Private chat groups only
- c) Unverified blogs
- d) Any map app

07. Which of the following statements is correct?

- a) Moon phases
- b) Earth's magnetic field
- c) Ocean salinity
- d) Pressure differences drive winds

08. A good pre?flight checklist should include:

- a) Camera ISO value only
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09. Ground effect on a rotorcraft close to the surface:

- a) Reduces induced drag and required power to hover
- b) Has no effect
- c) Increases induced drag
- d) Always causes loss of lift

10. What does LiPo mean?

- a) Low?ion potential
- b) Lithium?polymer battery
- c) Limestone?polymer
- d) Light?power battery

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11. Which of the following statements is correct?

- a) Maintain VLOS; land if lost visibility
- b) Ignore if GPS OK
- c) Continue using sensors only
- d) Climb above obstacles

12. Where is the wind strongest in relation to isobars on a weather chart?

- a) Where isobars are closest together
- b) Where isobars are widely spaced
- c) Along a high-pressure center
- d) At the midpoint between two isobars regardless of spacing

13. Which of the following statements is correct?

- a) 3800 ft
- b) 3300 ft
- c) 4800 ft
- d) 4300 ft

14. Weight and balance determination is:

- a) A complex, multi-stage process documented in the Flight/Operations Manual
- b) Concluded simply by weighing the UAV with a balance
- c) Guaranteed to exceed the weight of the UAV
- d) Always equal to the UAV empty weight

15. For lithium batteries stored for weeks, keep at:

- a) About 40–60% charge (storage voltage)
- b) Any level is fine
- c) 0% charge
- d) 100% charge

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16. Should the aircraft be re?weighed after configuration changes or major repairs?

- a) Only for fixed?wing
- b) No, weighing is one?time
- c) Only if payload exceeds 25 kg
- d) Yes, to verify MTOM and CG before returning to service

17. If using an observer formally involved in the operation:

- a) The observer helps maintain VLOS, but the remote pilot remains responsible
- b) Observer replaces VLOS
- c) The observer is legally in command
- d) The observer can fly instead

18. Connecting circuits in parallel means:

- a) Batteries become colder
- b) Joining components so their terminals share the same voltage; currents add up
- c) Voltage adds and current stays same
- d) GPS accuracy increases

19. If all four rotors of a quadcopter spun the same direction:

- a) Yaw control would improve
- b) Hover would be more stable
- c) It would climb faster
- d) The aircraft would yaw uncontrollably due to unbalanced torque

20. Lift is conventionally represented as a single force acting at the:

- a) Nose cone
- b) Center of gravity
- c) Center of pressure (near the aerodynamic center)
- d) Tailplane

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21. Which of the following statements is correct?

- a) 1
- b) 3
- c) 2
- d) From the direction and intensity, and the frequency with which these vary

22. After getting A2, must flights be logged?

- a) Only video recordings
- b) Only manned flights are logged
- c) Yes — maintain records per regulations/company procedures
- d) No records are ever needed

23. Which of the following statements is correct?

- a) Ocean salinity
- b) Pressure differences drive winds
- c) Earth's magnetic field
- d) Moon phases

24. In a fixed-wing UAV:

- a) Lift is generated by wings in forward flight; it cannot hover without extra devices
- b) Lift comes only from rotors
- c) It hovers like a quadcopter
- d) It has no control surfaces

25. Which of the following statements is correct?

- a) Ocean salinity
- b) Pressure differences drive winds
- c) Moon phases
- d) Earth's magnetic field

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26. Which of the following statements is correct?

- a) Ocean salinity
- b) Moon phases
- c) Pressure differences drive winds
- d) Earth's magnetic field

27. Which of the following statements is correct?

- a) From 180° (South)
- b) From 270° (West)
- c) From 090° (East)
- d) From 000° (North)

28. How many degrees do we use to indicate wind direction?

- a) 10° scale
- b) 90° scale
- c) 360° (degrees from true North)
- d) 0–180° half-circle

29. Which of the following statements is correct?

- a) Oscillates randomly
- b) Increases
- c) Decreases with altitude (~6.5 °C per 1000 m)
- d) Remains constant

30. To prevent overflight of uninvolved persons you should:

- a) Plan flight paths/geo-fence and set contingencies/failsafe to avoid people
- b) Fly higher over them
- c) Rely on luck
- d) Turn off sensors

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31. Which of the following statements is correct?

- a) The amount of water contained in the atmosphere at a given time
- b) The amount of water contained in a mass of air at a specific time
- c) Convective motions
- d) Horizontal motions

32. Which of the following statements is correct?

- a) Maintain VLOS; land if lost visibility
- b) Ignore if GPS OK
- c) Climb above obstacles
- d) Continue using sensors only

33. A basic operational risk mitigation step is:

- a) Fly higher to be safer
- b) Disable obstacle sensors
- c) Ignore nearby people
- d) Define geo?fence and ground risk buffer around the area of operation

34. Which of the following statements is correct?

- a) Earth's magnetic field
- b) Ocean salinity
- c) Moon phases
- d) Pressure differences drive winds

35. Which of the following statements is correct?

- a) Maintain VLOS; land if lost visibility
- b) Climb above obstacles
- c) Continue using sensors only
- d) Ignore if GPS OK

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36. Which of the following statements is correct?

- a) A sudden change in wind direction
- b) A sudden change in air mass temperature
- c) A sudden change in wind direction and intensity
- d) No, never

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- c) Camera ISO value only
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39. Is the centre of gravity (CG) important for UAV stability?

- a) Yes, CG position is critical for stability and control
- b) Only for fixed?wing, not multirotors
- c) No, flight controller negates its effect
- d) Only with special authorisation

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41. Typical LiPo operating temperature range (approx.) is:

- a) 0°C to +25°C only
- b) 10°C to +60°C (charging usually 10–45°C)
- c) +80°C to +120°C
- d) 60°C to +120°C

42. In EASA Open A3, operations must be:

- a) No distance limits outdoors
- b) Away from uninvolved people and at least 150 m from residential/commercial/industrial areas
- c) Allowed over crowds with C2 drones
- d) Limited to 30 m from people

43. Which of the following statements is correct?

- a) Earth's magnetic field
- b) Moon phases
- c) Pressure differences drive winds
- d) Ocean salinity

44. Does a reduced/low-speed flight mode change legal distance requirements to people?

- a) Only at night
- b) Only with DJI Tripod
- c) No — software modes do not override regulatory distances
- d) Yes, any slow mode allows closer flights

45. Which of the following statements is correct?

- a) No: flight controller cancels all gusts
- b) Yes: sudden changes in wind cause instability and high loads
- c) Only for fixed-wing, not multirotors
- d) Only above 500 m AGL

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46. A multicopter rotor produces:

- a) Electricity for avionics
- b) Only lift without torque
- c) Magnetic north
- d) Thrust and torque (creating downwash)

47. Battery testing should be done:

- a) By heating to 80°C
- b) With appropriate equipment (voltage, IR, balance) — avoid abuse tests
- c) By deep-discharging every time
- d) By short-circuiting briefly

48. Which of the following statements is correct?

- a) Ocean salinity
- b) Pressure differences drive winds
- c) Moon phases
- d) Earth's magnetic field

49. Adding payload to a UAV primarily changes:

- a) Mass, CG position, drag and endurance (flight time)
- b) Rotor diameter
- c) GNSS accuracy only
- d) ESC calibration only

50. Which of the following statements is correct?

- a) Climb above obstacles
- b) Continue using sensors only
- c) Maintain VLOS; land if lost visibility
- d) Ignore if GPS OK

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Response Scheme

Compare your answers with the following diagram and mark your score!

01: **A**

02: **A**

03: **B**

04: **C**

05: **A**

06: **A**

07: **D**

08: **D**

09: **A**

10: **B**

11: **A**

12: **A**

13: **A**

14: **A**

15: **A**

16: **D**

17: **A**

18: **B**

19: **D**

20: **C**

21: **B**

22: **C**

23: **B**

24: **A**

25: **B**

26: **C**

27: **B**

28: **C**

29: **C**

30: **A**

31: **B**

32: **A**

33: **D**

34: **D**

35: **A**

36: **A**

37: **A**

38: **D**

39: **A**

40: **B**

41: **B**

42: **B**

43: **C**

44: **C**

45: **B**

46: **D**

47: **B**

48: **B**

49: **A**

50: **C**

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Response form

Use this form to mark your answers

01: _____

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