

# Exam simulation

Quiz BPL Gas - Balloon Pilot License, 100 questions on 120 minutes!



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STUDENT NAME:

DATE AND TIME:

**01. At equilibrium the inner overpressure of a free balloon is highest at:**

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- a) At the equator
- b) The upper pole.
- c) At the center of the hull
- d) At the lower opening

**02. Before take-off, the balloon pilot realises that the maximum take-off mass has been exceeded by 5%. What has to be done?**

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- a) The load has to be reduced to maximum take-off mass.
- b) During take-off, special care has to be taken for obstacles.
- c) With exceeding up to 5%, normal take-off can be performed.
- d) Take-off has to be approved by the airfield manager on duty.

**03. What action should be recommended to a balloon pilot after landing with a gas balloon in a forrest with large fir trees?**

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- a) Quick release the gas from the balloon by activating the rip panel.
- b) Slowly draining the balloon by gently pulling the vents, until the basket touches ground.
- c) Transport the filled balloon by ground crew to a clear area, and dismount it there.
- d) Fix the balloon over night; try restart at next morning

**04. What is the distance between the parallels of latitude 48°N and 49°N along a meridian line?**

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- a) 10 NM
- b) 111 NM
- c) 60 NM
- d) 1 NM

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## 05. On what frequency shall a blind transmission be made?

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- a) On a tower frequency
- b) On a radar frequency of the lower airspace
- c) On the appropriate FIS frequency
- d) On the current frequency

## 06. Which of the following options are possible SSR-Transponder modes?

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- a) B, R, S
- b) A, C, S
- c) A, C, R
- d) B, C, V

## 07. What pressure pattern may result from cold-air inflow in high tropospheric layers?

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- a) Formation of a low in the upper troposphere
- b) Formation of a large ground low
- c) Alternating pressure
- d) Formation of a high in the upper troposphere

## 08. What is the meaning of the abbreviation "AIREP"?

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- a) Aeronautical instrument requirement report
- b) Aircraft report
- c) Automatic identification report
- d) Aeronautical information report

## 09. How often shall a blind transmission be made?

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- a) Four times
- b) Two times
- c) Three times
- d) One time

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**10. With pressure and temperature given, any gas being heavier or lighter than air depends on what?**

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- a) On the content of water vapour in the gas
- b) On the mean kinetic energy of the molecules
- c) On the number of gas molecules
- d) On the molecule mass of the gas

**11. Where has the ballast aboard a gas balloon to be stored during cruise?**

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- a) Inside the basket
- b) Below the net ending ropes
- c) At the outside wall of the basket
- d) Inside the tow shield

**12. The aerostatic lift corresponds to which force?**

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- a) The dynamic force due to airstream across the top of the hull
- b) The weight of the displaced air
- c) The drag due to airstream around the balloon envelope
- d) The weight of the balloon less ballast

**13. The term "aerodrome elevation" is defined as...**

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- a) The highest point of the landing area
- b) The average value of the height of the manoeuvring area.
- c) The highest point of the apron
- d) The lowest point of the landing area.

**14. A cross-country flight is made using the ICAO 1 : 500.000 aeronautical chart. An overflight crosscheck shows that a distance of 4 cm in the chart has been passed within 12 minutes. After how many more minutes, the overflight of another waypoint at a chart distance of additional 6 cm can be expected?**

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- a) 9 min
- b) 6 min
- c) 12 min
- d) 18 min.

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**15. Given: TC: 183°; WCA: +011°; MH: 198°; CH: 200° What are the TH and the DEV? (2,00 P.)**

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- a) TH: 194°. DEV: +002
- b) TH: 172°. DEV: +002°.
- c) TH: 172°. DEV: -002°
- d) TH: 194°. DEV: -002°.

**16. What technical measure provides electric conductivity to the hull ropes of a web-less gas balloon?**

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- a) Wrapping with plastic tape.
- b) A surface painting
- c) Impregnation of the ropes
- d) Embedded steel threads (filaments).

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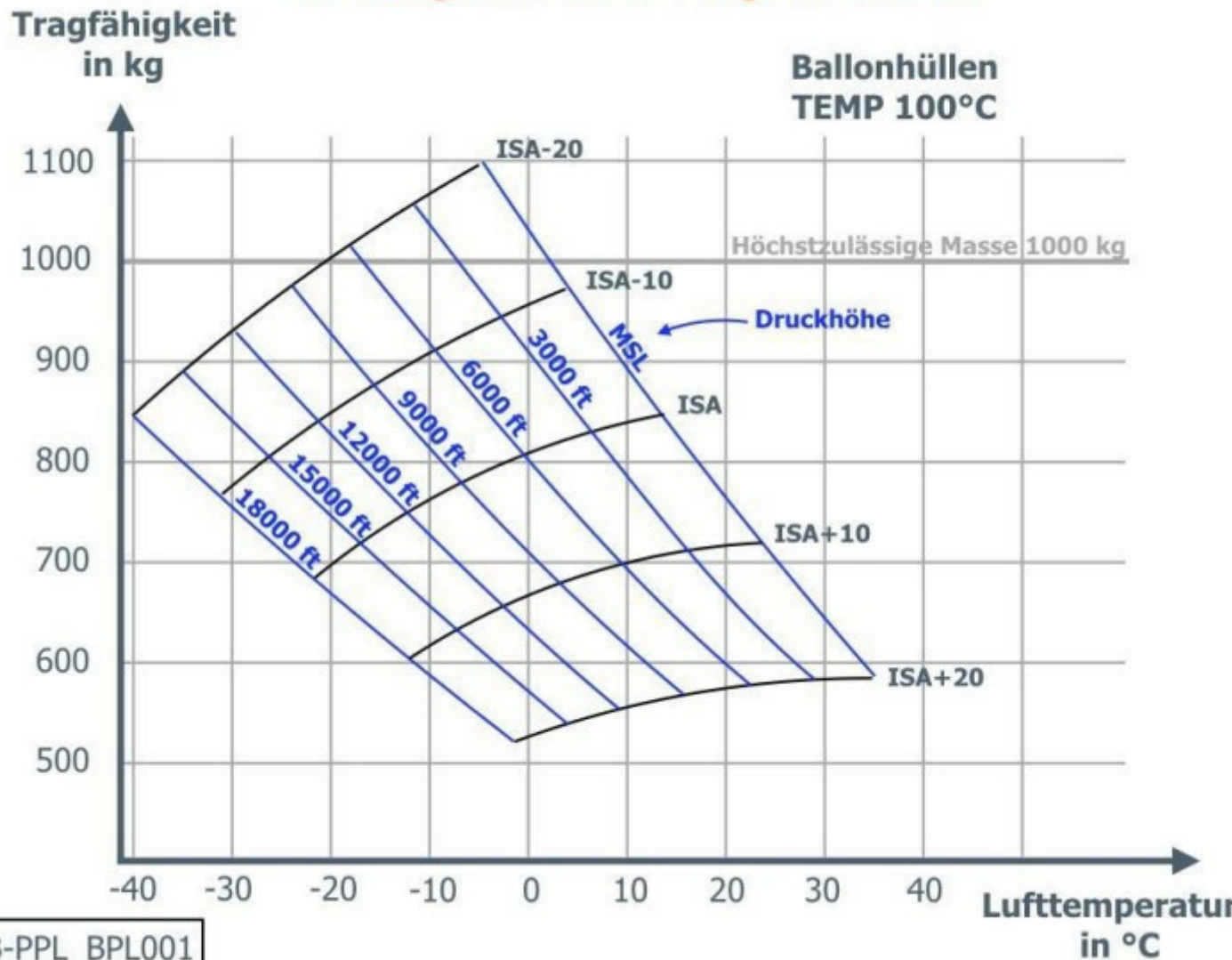
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17. Given the following masses: Empty mass 240 kg Instruments 20 kg per gas container (full): 30 kg per person: 80 kg U which pressure altitude can the balloon climb with 5 persons and 4 gas containers in the basket, assuming temperatures below ISA? (use attachment ECQB-PPL\_BPL001) Siehe Anlage 1

## Auszug aus dem Flughandbuch



- a) 3000 ft
- b) 17000 ft
- c) 13000 ft
- d) 7000 ft

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## 18. The term "runway" is defined as a...

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- a) Rectangular area on a land or water aerodrome prepared for the landing and take-off of aircraft.
- b) Rectangular area on a land aerodrome prepared for the landing and take-off of helicopters.
- c) Round area on an aerodrome prepared for the landing and take-off of aircraft.
- d) Rectangular area on a land aerodrome prepared for the landing and take-off of aircraft.

## 19. The purpose of the drag lines of the parachute is ...

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- a) To transfer the carrying force of the balloon in the top opening area
- b) To transfer the force from the pull rope to the parachute.
- c) To keep the parachute in the center of the top opening.
- d) To transfer the force from the pull rope to the free-balloon hull.

## 20. The measurement of altitude is based on the change of the...

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- a) Dynamic pressure.
- b) Static pressure.
- c) Differential pressure.
- d) Total pressure.

## 21. For what approximate time period can the short-time memory store information?

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- a) 10 to 20 seconds
- b) 3 to 7 seconds
- c) 30 to 40 seconds
- d) 35 to 50 seconds

## 22. What is a latent error?

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- a) An error which has an immediate effect on the controls
- b) An error which is made by the pilot actively and consciously
- c) An error which remains undetected in the system for a long time
- d) An error which only has consequences after landing

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## 23. How may passengers assist the balloon pilot during landing preparation?

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- a) By activating the emergency opening
- b) By stowing of loose parts
- c) By activating the vents
- d) By activating the pull rope

## 24. In which situations should a pilot use blind transmissions?

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- a) When a transmission containing important navigational or technical information is to be sent to several stations at the same time
- b) When a pilot has flown into cloud or fog unintentionally and therefore would like to request navigational assistance from a ground unit
- c) When no radio communication can be established with the appropriate aeronautical station, but when evidence exists that transmissions are received at that ground unit
- d) When the traffic situation at an airport allows the transmission of information which does not need to be acknowledged by the ground station

## 25. The altimeter's reference scale is set to airfield pressure (QFE). What indication is shown during the flight?

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- a) Airfield elevation
- b) Pressure altitude
- c) Altitude above MSL
- d) Height above airfield

## 26. What kind of information should be included in an urgency message?

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- a) Nature of problem or observation, important information for support, departure aerodrome, information about position, heading and altitude
- b) Intended routing, important information for support, intentions of the pilot, departure aerodrome, destination aerodrome, heading and altitude
- c) Intended routing, important information for support, intentions of the pilot, information about position, departure aerodrome, heading and altitude
- d) Nature of problem or observation, important information for support, intentions of the pilot, information about position, heading and altitude

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## 27. The minimum length of the towing rope is:

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- a) 20 m
- b) 50 m
- c) 100 m
- d) 30 m

## 28. The term "tropopause" is defined as...

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- a) The layer above the troposphere showing an increasing temperature
- b) The height above which the temperature starts to decrease.
- c) The boundary area between the mesosphere and the stratosphere
- d) The boundary area between the troposphere and the stratosphere.

## 29. Wake turbulence is caused by...

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- a) Wind shear at the wingtip of an aerofoil
- b) Jet blast behind a turbine engine.
- c) Turbulence at the downwind side of a mountain range.
- d) Pressure compensation at the wingtip of an aerofoil.

## 30. What is meant by "isothermal layer"?

---

- a) A boundary area between two other layers within the atmosphere
- b) An atmospheric layer where temperature decreases with increasing height
- c) An atmospheric layer where temperature increases with increasing height
- d) An atmospheric layer with constant temperature with increasing height

## 31. What has to be considered at moderate wind speeds during a balloon ride across mountainous area with cloud-free sky?

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- a) Icing conditions.
- b) Altimeter indication too low.
- c) Lee waves and severe up- and downdrafts
- d) Decreasing burner power



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## 32. Which process may result in an inversion layer at about 5000 ft (1500 m) height?

- a) Intensive sunlight insolation during a warm summer day
- b) Ground cooling by radiation during the night
- c) Advection of cool air in the upper troposphere
- d) Widespread descending air within a high pressure area

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## 33. What is the correct way of acknowledging the instruction "DZF after lift-off climb straight ahead until 2500 feet before turning right heading 220 degrees, wind 090 degrees, 5 knots, runway 12, cleared for take-off"?

- a) DZF after lift-off climb straight ahead 2500 feet, then turn right heading 220, runway 12, cleared for take-off
- b) DZF after lift-off climb straight ahead 2500 feet, then turn right heading 220, 090 degrees, 5 knots, cleared for take-off
- c) DZF after lift-off climb straight ahead 2500 feet, wilco, heading 220 degrees, 090 degrees, 5 knots, cleared for take-off
- d) DZF after lift-off climb straight ahead 2500 feet, then turn right heading 220, 090 degrees, 5 knots

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## 34. What is the correct way of using the aircraft call sign at first contact?

- a) Using the last two characters only
- b) Using all characters
- c) Using the first two characters only
- d) Using the first three characters only

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## 35. The angle between compass north and magnetic north is called...

- a) Inclination
- b) WCA
- c) Deviation.
- d) Variation.

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## 36. What information is provided in the general part (GEN) of the AIP?

- a) Warnings for aviation, ATS airspaces and routes, restricted and dangerous airspaces
- b) Map icons, list of radio nav aids, time for sunrise and sunset, airport fees, air traffic control fees
- c) Table of content, classification of airfields with corresponding maps, approach charts, taxi charts, restricted and dangerous airspaces
- d) Access restrictions for airfields, passenger controls, requirements for pilots, license samples and validity periods

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## 37. What is the purpose of "interception lines" in visual navigation?

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- a) They are used as easily recognizable guidance upon a possible loss of orientation
- b) To visualize the range limitation from the departure aerodrome
- c) They help to continue the flight when flight visibility drops below VFR minima
- d) To mark the next available en-route airport during the flight

## 38. A vertical speed indicator measures the difference between...

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- a) Instantaneous total pressure and previous total pressure.
- b) Total pressure and static pressure
- c) Dynamic pressure and total pressure.
- d) Instantaneous static pressure and previous static pressure.

## 39. Which wind system may be dangerous for balloon rides in the Alps?

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- a) Bora
- b) Mistral
- c) Foehn
- d) Scirocco

## 40. The majority of aviation accidents are caused by...

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- a) Human failure
- b) Technical failure
- c) Geographical influences.
- d) Meteorological influences.

## 41. How should a landing of a gas balloon be conducted at strong winds?

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- a) Drop tow; in sufficient height activate rip panel
- b) Activate rip panel without throwing tow
- c) Drop tow; activate rip panel after ground contact
- d) Drop tow; conduct landing with use of valve

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## 42. What weather development will result from convergence at ground level?

- a) Ascending air and cloud formation
- b) Ascending air and cloud dissipation
- c) Descending air and cloud formation
- d) Descending air and cloud dissipation

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## 43. What is the meaning of the abbreviation "VMC"?

- a) Variable meteorological conditions
- b) Visual meteorological conditions
- c) Instrument flight conditions
- d) Visual flight rules

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## 44. A cross-country flight is made using the ICAO 1 : 500.000 aeronautical chart. An overflight crosscheck shows that a distance of 6 cm in the chart has been passed within 9 minutes. After how many more minutes, the overflight of another waypoint at a chart distance of additional 4 cm can be expected?

- a) 18 min.
- b) 6 min.
- c) 12 min
- d) 9 min.

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## 45. 1000 ft equal...

- a) 3000 m.
- b) 300 m.
- c) 30 km.
- d) 30 m.

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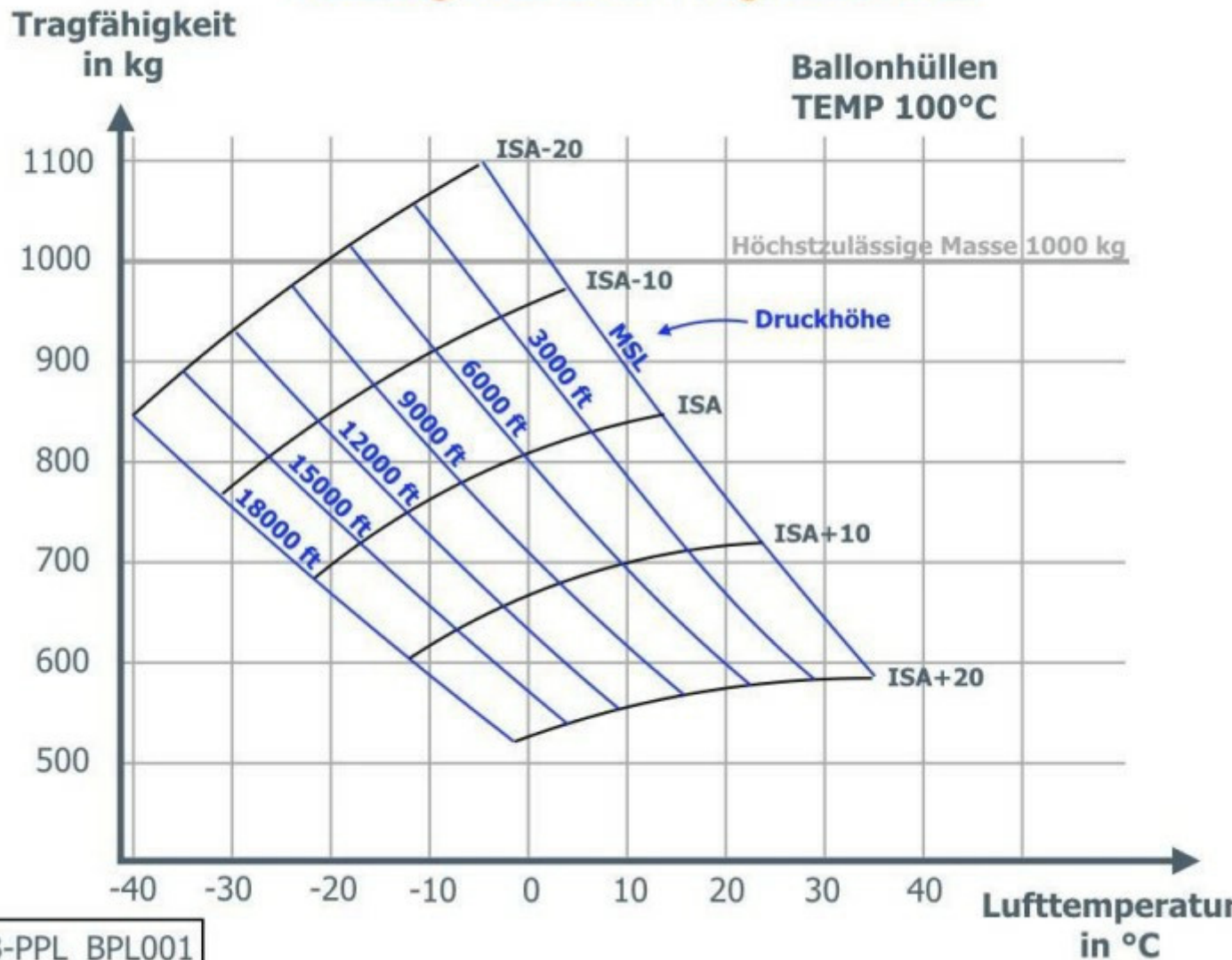
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46. Given the following masses: Empty mass 260 kg Instruments 20 kg per gas container (full): 30 kg per person: 80 kg Assuming ISA temperatures, how many persons may be carried in the basket at maximum, if the balloon with 4 gas containers has to climb up to pressure altitude 9.000 ft ? (use attachment ECQB-PPL\_BPL001) Siehe Anlage 1

## Auszug aus dem Flughandbuch



- a) 4
- b) 5
- c) 2
- d) 3

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## 47. Cold air inflow in high tropospheric layers may result in...

---

- a) Stabilisation and calm weather
- b) Showers and thunderstorms.
- c) Calm weather and cloud dissipation.
- d) Frontal weather.

## 48. Environmental air temperature and filling gas temperature are the same. Now, the free balloon descends into warmer air. What statement is correct?

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- a) Descent force increases.
- b) Descent force decreases.
- c) Weight force increases.
- d) Weight force decreases.

## 49. During a flight in colder-than-ISA air the indicated altitude is...

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- a) Higher than the true altitude
- b) Equal to the standard altitude.
- c) Lower than the true altitude.
- d) Equal to the true altitude.

## 50. What is the call sign of the aerodrome control?

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- a) Ground
- b) Tower
- c) Airfield
- d) Control

## 51. What must be considered for cross-border flights?

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- a) Transmission of hazard reports
- b) Approved exceptions
- c) Regular location messages
- d) Requires flight plans

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## 52. Urgency messages are messages...

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- a) Concerning aircraft and their passengers which face a grave and imminent threat and require immediate assistance.
- b) Concerning the safety of an aircraft, a watercraft or some other vehicle or person in sight.
- c) Concerning the operation or maintenance of facilities essential for the safety or regularity of aircraft operation.
- d) Sent by a pilot or an aircraft operating agency which have an imminent meaning for aircraft in flight.

## 53. What is the correct term for a message used for air traffic control?

---

- a) Flight safety message
- b) Flight regularity message
- c) Message related to direction finding
- d) Meteorological message

## 54. What effect has the elevation above MSL of an airfield on the carrying force and maximum take-off mass of a balloon?

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- a) The lower the elevation, the lower the maximum take-off mass.
- b) The lower the elevation, the greater the carrying force.
- c) The lower the elevation, the higher the maximum take-off mass.
- d) The higher the elevation, the greater the carrying force.

## 55. How do volume, density and temperature change when a gas is being compressed?

---

- a) Volume decreases, density increases, temperature increases.
- b) Volume decreases, density increases, temperature increases.
- c) Volume increases, density decreases, temperature decreases
- d) Volume decreases, density decreases, temperature decreases.

## 56. According ISA, what is the density of air at MSL?

---

- a) 1.225 g/m<sup>3</sup>
- b) 1225 kg/m<sup>3</sup>
- c) 1.225 kg/m<sup>3</sup>
- d) 12.25 kg/m<sup>3</sup>

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**57. What is the correct abbreviation of the call sign D-EAZF?**

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- a) DEA
- b) DZF
- c) DEF
- d) AZF

**58. What may be the cause of controller icing?**

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- a) A cloud has been entered at temperature between +5 and -10°C.
- b) Temperature in the controller is between -1 °C and -5 °C.
- c) Relative humidity is higher than 50%.
- d) Liquid gas has entered the controller.

**59. What weather conditions in Central Europe are typically found in high pressure areas during summer?**

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- a) Small isobar spacing with strong prevailing northerly winds
- b) Large isobar spacing with calm winds, formation of local wind systems
- c) Large isobar spacing with strong prevailing westerly winds
- d) Small isobar spacing with calm winds, formation of local wind systems

**60. Which instrument can be affected by the hysteresis error?**

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- a) Tachometer
- b) Altimeter
- c) Vertical speed indicator
- d) Direct reading compass

**61. What is the minimum flight visibility in airspace "C" at and above FL 100 for an aircraft operating under VFR?**

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- a) 10 km
- b) 8 km
- c) 5 km
- d) 1.5 km

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**62. In case of radio communication failure within a CTR (control zone), the pilot has to ...**

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- a) This has no consequences while in VMC
- b) Maintain current altitude until leaving the control zone.
- c) Squawk transponder code A 7500.
- d) Continue the ride according to last clearance; in case of imminent danger land immediately

**63. Which approximate, geometrical form describes the shape of the Earth best for navigation systems?**

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- a) Sphere of ecliptical shape
- b) Ellipsoid
- c) Flat plate
- d) Perfect sphere

**64. A gas balloon has to be equipped with which tethers?**

---

- a) 1 at 40 m or 4 at 10 m
- b) 1 at 30 m or 3 at 10 m
- c) 2 at 10 m or 1 at 20 m
- d) 2 at 20 m or 1 at 10 m

**65. Under which circumstances is it more likely to accept higher risks?**

---

- a) During check flights due to a high level of nervousness
- b) During flight planning when excellent weather is forecast
- c) Due to group-dynamic effects
- d) If there is not enough information available

**66. The standard state of gases refers to which temperature?**

---

- a) 15° C
- b) 5° C
- c) 25° C
- d) 0° C



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**67. Which stage of a thunderstorm is dominated by updrafts?**

---

- a) Upwind stage
- b) Cumulus stage
- c) Mature stage
- d) Dissipating stage

**68. What is the percentage of nitrogen in the atmosphere?**

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- a) 0.1 %
- b) 21 %
- c) 78 %
- d) 1 %

**69. What does a cloud coverage of "BKN" mean in a METAR weather report?**

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- a) 5 to 7 eighths
- b) 1 to 2 eighths
- c) 8 eighths
- d) 3 to 4 eighths

**70. What information is broadcasted on a VOLMET frequency?**

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- a) Meteorological information
- b) NOTAMS
- c) Navigational information
- d) Current information

**71. Which statement is correct with regard to the polar axis of the Earth?**

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- a) The polar axis of the Earth crosses the geographic South Pole and the geographic North Pole and is at an angle of 23.5° to the plane of the equator
- b) The polar axis of the Earth crosses the magnetic south pole and the magnetic north pole and is perpendicular to the plane of the equator
- c) The polar axis of the Earth crosses the geographic South Pole and the geographic North Pole and is perpendicular to the plane of the equator
- d) The polar axis of the Earth crosses the magnetic south pole and the magnetic north pole and is at an angle of 66.5° to the plane of the equator

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## 72. Regularity messages are messages...

---

- a) Concerning aircraft and their passengers which face a grave and imminent threat and require immediate assistance.
- b) Concerning the safety of an aircraft, a watercraft or some other vehicle or person in sight
- c) Sent by an aircraft operating agency or an aircraft of immediate concern to an aircraft in flight.
- d) Concerning the operation or maintenance of facilities essential for the safety or regularity of aircraft operation.

## 73. Which statement is correct with regard to the short-term memory?

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- a) It can store 5 ( $\pm 2$ ) items for 1 to 2 minutes
- b) It can store 3 ( $\pm 1$ ) items for 5 to 10 seconds
- c) It can store 7 ( $\pm 2$ ) items for 10 to 20 seconds
- d) It can store 10 ( $\pm 5$ ) items for 30 to 60 seconds

## 74. How can wind speed and wind direction be derived from surface weather charts?

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- a) By annotations from the text part of the chart
- b) By alignment of lines of warm- and cold fronts
- c) By alignment and distance of isobaric lines
- d) By alignment and distance of hypsometric lines

## 75. During a flight in an air mass with a temperature equal to ISA and the QNH set correctly, the indicated altitude is...

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- a) Higher than the true altitude.
- b) Lower than the true altitude.
- c) Equal to the standard atmosphere.
- d) Equal to the true altitude

## 76. What is the relationship between pressure and volume of a dry gas at constant temperature?

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- a) The volume increases by a factor of 4 with double pressure
- b) The volume is inversely proportional to pressure
- c) The ration between pressure and volume is constant
- d) The volume increases proportional with pressure

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**77. What change results from an increase in temperature of the carrying gas and of the environmental air at a gas balloon at maximum differential pressure?**

---

- a) The load capability decreases by 4% per K temperature change.
- b) The load capability increases by 4% per K temperature change.
- c) The load capability increases by 0,4% per K temperature change.
- d) The load capability decreases by 0,4% per K temperature change.

**78. What is the minimum flight visibility in airspace "C" for an aircraft operating under VFR at FL125?**

---

- a) 5000 m
- b) 3000 m
- c) 8000 m
- d) 1500 m

**79. During a balloon ride, visibility continuously becomes poorer, also cloud base decreases in direction of the current track. How should the balloon pilot react to this situation?**

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- a) Continue ride in remaining altitude
- b) Use next best chance for landing
- c) Use GPS or radio navigation to continue ride in clouds
- d) Break through the clouds and continue above clouds

**80. Which are the properties of a Mercator chart?**

---

- a) The scales increases with latitude, great circles are depicted as curved lines, rhumb lines are depicted as straight lines
- b) The scale is constant, great circles are depicted as curved lines, rhumb lines are depicted as straight lines
- c) The scales increases with latitude, great circles are depicted as straight lines, rhumb lines are depicted as curved lines
- d) The scale is constant, great circles are depicted as straight lines, rhumb lines are depicted as curved lines

**81. Wake turbulence is particularly strong...**

---

- a) When flying at high speeds.
- b) When flying at high altitudes.
- c) When flying at low speeds
- d) When flying at low altitudes.

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**82. The term 'agonic line' is defined as a line on Earth or an aeronautical chart, connecting all points with the...**

---

- a) Deviation of  $0^\circ$ .
- b) Inclination of  $0^\circ$ .
- c) Heading of  $0^\circ$ .
- d) Variation of  $0^\circ$ .

**83. Why should balloon pilot or passengers not wear any clothes made of silk or synthetic fibers during ride with a gas balloon?**

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- a) Because of the danger of explosions induced by sparks after electrical discharge.
- b) Because these materials may lead to malfunction of some instruments.
- c) Because the total mass will be increased beyond the operating limits.
- d) Because these materials may lead to noise in radio reception.

**84. What is the call sign of the flight information service?**

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- a) Advice
- b) Flight information
- c) Info
- d) Information

**85. With regard to gases, which statement is correct?**

---

- a) Temperature decreases with increasing pressure and constant volume
- b) Volume increases with increasing temperature and constant pressure.
- c) Pressure decreases with increasing temperature and constant volume.
- d) Temperature increases with increasing volume and decreasing pressure.

**86. The vertical extend of air with pressure changing by 1% with 80 m difference in height is referred to as ...**

---

- a) Unstable
- b) Homogene
- c) Stable
- d) Inhomogene

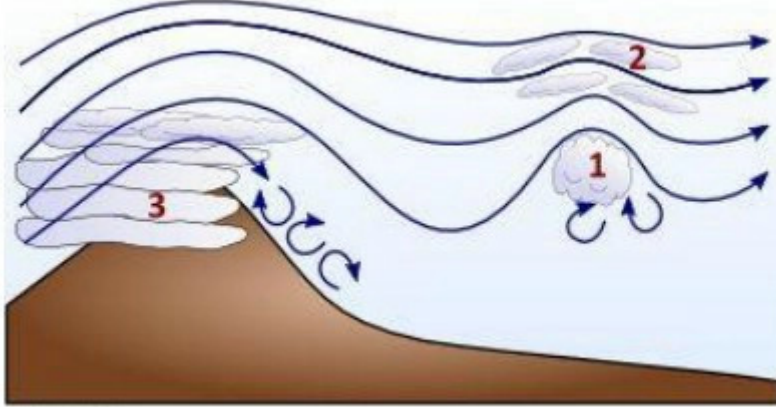
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**87. What weather phenomenon designated by "2" has to be expected on the lee side during "Foehn" conditions?  
See figure (MET-001). Siehe Anlage 1**



- a) Cumulonimbus
- b) Altocumulus Castellanus
- c) Nimbostratus
- d) Altocumulus lenticularis

**88. What is the purpose of the closing rope of a gas balloon?**

- a) To close the sand disposer
- b) To close the appendix
- c) To close the emergency opening
- d) To secure the towing rope

**89. The distance between two airports is 220 NM. On an aeronautical navigation chart the pilot measures 40.7 cm for this distance. The chart scale is...**

- a) 1 : 2000000.
- b) 1 : 1000000.
- c) 1 : 500000.
- d) 1 : 250000.

**90. An aerodrome beacon (ABN) is a...**

- a) Rotating beacon installed at an airport or aerodrome to indicate its location to aircraft pilots from the ground.
- b) Rotating beacon installed at the beginning of the final approach to indicate its location to aircraft pilots from the air.
- c) Fixed beacon installed at an airport or aerodrome to indicate its location to aircraft pilots from the air
- d) Rotating beacon installed at an airport or aerodrome to indicate its location to aircraft pilots from the air.

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## 91. What has to be considered before a balloon ride across water surfaces?

---

- a) A transponder has to be installed and carried aboard
- b) For all people inside the basket life jackets have to be carried aboard
- c) A flight plan with detailed routing has to be filed.
- d) Continuous radio communication has to be established with air traffic control

## 92. What is the purpose of the semi-circular rule?

---

- a) To avoid collisions by suspending turning manoeuvres
- b) To fly without a filed flight plan in prescribed zones published in the AIP
- c) To avoid collisions by reducing the probability of opposing traffic at the same altitude
- d) To allow safe climbing or descending in a holding pattern

## 93. The shortest distance between two points on Earth is represented by a part of...

---

- a) A small circle.
- b) A great circle.
- c) A rhumb line
- d) A parallel of latitude.

## 94. Which altitude marks the lower limit where the body is unable to completely compensate the effects of the low atmospheric pressure?

---

- a) 12000 feet
- b) 7000 feet
- c) 22000 feet
- d) 5000 feet

## 95. A risk factor for decompression sickness is...

---

- a) Scuba diving prior to flight
- b) 100 % oxygen after decompression.
- c) Sports
- d) Smoking.

# Exam simulation

Quiz BPL Gas - Balloon Pilot License, 100 questions on 120 minutes!



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**96. What is the correct designation of the frequency band from 118.000 to 136.975 MHz used for voice communication?**

---

- a) VHF
- b) MF
- c) MF
- d) HF

**97. While overflying a waypoint, it is stated that a distance of 3 NM has been taken 10 min. What will be the expected time of endurance for the complete distance of 18 NM?**

---

- a) 60 min
- b) 90 min.
- c) 12 min
- d) 180 min.

**98. Which of the following symptoms may indicate hypoxia?**

---

- a) Blue marks all over the body
- b) Blue discolouration of lips and fingernails
- c) Muscle cramps in the upper body area
- d) Joint pain in knees and feet

**99. The term "ceiling" is defined as the...**

---

- a) Height of the base of the highest layer of clouds covering more than half of the sky below 20000 ft
- b) Height of the base of the lowest layer of clouds covering more than half of the sky below 10000 ft
- c) Altitude of the base of the lowest layer of clouds covering more than half of the sky below 20000 ft.
- d) Height of the base of the lowest layer of clouds covering more than half of the sky below 20000 ft.

**100. Information about operational limits, loading and performance about an aircraft can be taken from which document?**

---

- a) Airworthiness certificate.
- b) Operating handbook.
- c) Certificate of registration
- d) Flight Log book.

# Exam simulation

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## Response Scheme

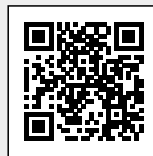
Compare your answers with the following diagram and mark your score!

01: B	02: A	03: B	04: C
05: D	06: B	07: A	08: B
09: D	10: D	11: A	12: B
13: A	14: D	15: D	16: D
17: B	18: D	19: B	20: B
21: A	22: C	23: B	24: C
25: D	26: D	27: D	28: D
29: D	30: D	31: C	32: D
33: A	34: B	35: C	36: B
37: A	38: D	39: C	40: A
41: A	42: A	43: B	44: B
45: B	46: A	47: B	48: A
49: A	50: B	51: D	52: B
53: A	54: B	55: A	56: C
57: B	58: D	59: B	60: B
61: B	62: D	63: B	64: C
65: C	66: C	67: B	68: C
69: A	70: A	71: C	72: D
73: C	74: C	75: D	76: B
77: D	78: C	79: B	80: A
81: C	82: D	83: A	84: D



# Exam simulation

Quiz BPL Gas - Balloon Pilot License, 100 questions on 120 minutes!



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85: **B** \_\_\_\_\_

86: **B** \_\_\_\_\_

87: **D** \_\_\_\_\_

88: **B** \_\_\_\_\_

89: **B** \_\_\_\_\_

90: **D** \_\_\_\_\_

91: **B** \_\_\_\_\_

92: **C** \_\_\_\_\_

93: **B** \_\_\_\_\_

94: **A** \_\_\_\_\_

95: **A** \_\_\_\_\_

96: **A** \_\_\_\_\_

97: **A** \_\_\_\_\_

98: **B** \_\_\_\_\_

99: **D** \_\_\_\_\_

100: **B** \_\_\_\_\_

# Exam simulation

Quiz BPL Gas - Balloon Pilot License, 100 questions on 120 minutes!



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## Response form

Use this form to mark your answers

01: _____	02: _____	03: _____	04: _____
05: _____	06: _____	07: _____	08: _____
09: _____	10: _____	11: _____	12: _____
13: _____	14: _____	15: _____	16: _____
17: _____	18: _____	19: _____	20: _____
21: _____	22: _____	23: _____	24: _____
25: _____	26: _____	27: _____	28: _____
29: _____	30: _____	31: _____	32: _____
33: _____	34: _____	35: _____	36: _____
37: _____	38: _____	39: _____	40: _____
41: _____	42: _____	43: _____	44: _____
45: _____	46: _____	47: _____	48: _____
49: _____	50: _____	51: _____	52: _____
53: _____	54: _____	55: _____	56: _____
57: _____	58: _____	59: _____	60: _____
61: _____	62: _____	63: _____	64: _____
65: _____	66: _____	67: _____	68: _____
69: _____	70: _____	71: _____	72: _____
73: _____	74: _____	75: _____	76: _____
77: _____	78: _____	79: _____	80: _____
81: _____	82: _____	83: _____	84: _____

# Exam simulation

Quiz BPL Gas - Balloon Pilot License, 100 questions on 120 minutes!



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85: \_\_\_\_\_

86: \_\_\_\_\_

87: \_\_\_\_\_

88: \_\_\_\_\_

89: \_\_\_\_\_

90: \_\_\_\_\_

91: \_\_\_\_\_

92: \_\_\_\_\_

93: \_\_\_\_\_

94: \_\_\_\_\_

95: \_\_\_\_\_

96: \_\_\_\_\_

97: \_\_\_\_\_

98: \_\_\_\_\_

99: \_\_\_\_\_

100: \_\_\_\_\_