Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

STUDENT NAME:	DATE AND TIME:

01. The minimum length of the towing rope is:

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

02. What is the gas composition of "air"?

a) Oxygen 78 % Water vapour 21 % Nitrogen 1 %
b) Oxygen 21 % Water vapour 78 % Noble gases / carbon dioxide 1 %
c) Nitrogen 21 % Oxygen 78 % Noble gases / carbon dioxide 1 %
d) Oxygen 21 % Nitrogen 78 % Noble gases / carbon dioxide 1 %

03. What wind conditions should be expected in the vicinity of showers or thunderstorms?

a) Calm winds during passage of a shower
b) Steady wind from direction of shower
c) Strong gust from variable directions
d) Steady wind into direction of shower

04. What values are usually marked with a red line on instrument displays?

a) Operational limits
b) Caution areas
c) Recommended areas
d) Operational areas

05. Who provides search and rescue service?

a) Only military organisations
b) Both military and civil organisations
c) Only civil organisations
d) International approved organisations

06. Under BOP.BAS.050(b), which of these balloon documents may be carried on the flight or stowed in the retrieve vehicle, as originals or copies, subject to any additional requirements of the States concerned?

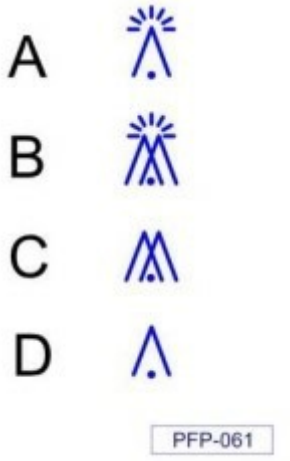
a) The certificate of registration, certificate of airworthiness, AFM or equivalent, third-party liability insurance certificate and balloon logbook or equivalent

b) Only an EASA Form 1 and the crew members' passports

c) Only an aeroplane technical log, even when the aircraft is a balloon

d) Only a passenger list; no aircraft documentation is required

07. (For this question, please use annex PFP-061) According ICAO, what symbol indicates a group of unlighted obstacles?



a) C

b) D

c) B

d) A

08. Above the friction layer, with a prevailing pressure gradient, the wind direction is...

a) At an angle of 30° to the isobars towards low pressure

b) Perpendicular to the isobars

c) Parallel to the isobars

d) Perpendicular to the isohypses

09. Information about pressure patterns and frontal situation can be found in which chart?

a) Surface weather chart
b) Hypsometric chart
c) Wind chart
d) Significant Weather Chart (SWC)

10. A balloon pilot decides to use one or more separate gas containers for initial heating during buildup. To ensure a safe buildup ...

a) To expedite take-off, the gas containers have to be stored outside
b) No separate gas containers are allowed during buildup
c) The gas containers have to be fixed safely inside the basket
d) Two gas containers (one inside, one outside) are to be used

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

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

12. Which transponder code should be set during a radio failure without any request?

a) 7000
b) 7500
c) 7700
d) 7600

13. Aerostatic lift, amongst other factors, depends on...

a) On the speed
b) Balloon mass
c) Shape of the envelope
d) Air density

14. Which characteristic is important when choosing sunglasses used by pilots?

a) Curved sidepiece
b) Unbreakable
c) No UV filter
d) Non-polarised

15. Electronic devices on board of an aeroplane have influence on the...

a) Direct reading compass
b) Artificial horizon
c) Airspeed indicator
d) Turn coordinator

16. 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

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

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

18. The assembly of the panels to the hull of a web-less gas balloon is done ...

a) By vulcanisation
b) By stitching
c) By welding
d) By gluing

19. 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?

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

20. What is the distance between the two parallels of longitude 150°E and 151°E along the equator?

a) 60 NM
b) 60 km
c) 1 NM
d) 111 NM

21. What may be the cause of controller icing?

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

22. 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

23. What cloud type can typically be observed across widespread high pressure areas during summer?

a) Squall lines and thunderstorms
b) Overcast low stratus
c) Overcast Ns clouds
d) Scattered Cu clouds

24. What is the difference in time when the sun moves 10° of longitude?

a) 0:04 h
b) 0:40 h
c) 0:30 h
d) 1:00 h

25. At which altitude is the atmospheric pressure approximately half the MSL value (1013 hPa)?

a) 5000 ft
b) 18000 ft
c) 22000 ft
d) 10000 ft

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

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

27. What change of wind direction can be expected during the passage of a polar front low in Central Europe?

a) Backing wind during passage of the warm front, veering wind during passage of the cold front
b) Backing wind during passage of the warm front, backing wind during passage of the cold front
c) Veering wind during passage of the warm front, backing wind during passage of the cold front
d) Veering wind during passage of the warm front, veering wind during passage of the cold front

28. After take-off with a balloon, obstacles at a distance of 300 m erect in expected flight path up to 40 m height. Rate of climb is expected with 1.5 m/s. What maximum actual wind speed can be accepted to maintain a clearance of 50 m above obstacles, assuming double the actual wind speed for calculation?

a) 8 m/s
b) 2.5 m/s
c) 10 m/s
d) 1 m/s

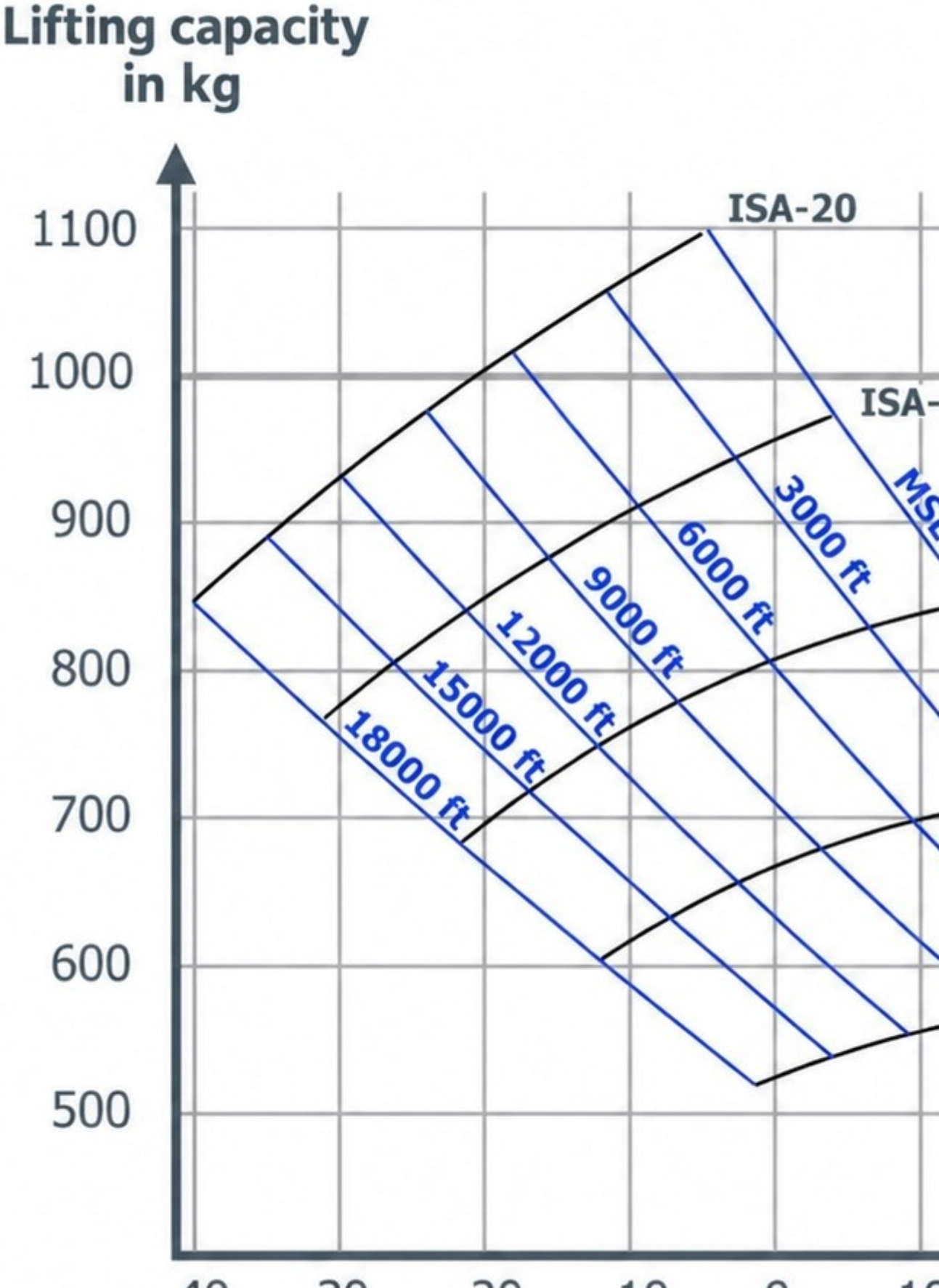
29. Given the following masses: Empty mass 260 kg Instruments 20 kg per gas container (full): 30 kg per person: 80 kg Assuming temperature ISA+10, how many persons may be carried in the basket at maximum, if the hot-air balloon with 4 gas containers has to climb up to pressure altitude 12.000 ft ? (use attachment ECQB-PPL_BPL001)

Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

Extract from the



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

30. How many suitably positioned GPS satellites are needed for a basic three-dimensional position solution, without a separate RAIM integrity check?

a) Four
b) Five
c) Two
d) Three

31. Given: TC: 183°; WCA: +011°; MH: 198°; CH: 200° What are TH and VAR?

a) TH: 172°. VAR: 004° E
b) TH: 194°. VAR: 004° E
c) TH: 172°. VAR: 004° W
d) TH: 194°. VAR: 004° W

32. The measurement of altitude is based on the change of the...

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

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

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

34. What is the mass of a "cube of air" with the edges 1 m long, at MSL according ISA?

a) 0.1225 kg
b) 12.25 kg
c) 0.01225 kg
d) 1.225 kg

35. Up to which altitude is an overflight prohibited according to the NOTAM? See figure (PFP-024)

```
A4604/11 NOTAMN
Q)
EDWW/QROLP/IV/NBO/W/000/095/5155N01037E004
A) EDWW
B) 1111180800  C) 1111181200
E) OVERFLYING PROHIBITED FOR ALL TRAFFIC RADIUS
3.35NM CENTERED AROUND 515436N 0103725E DUE
TO DEMOLITION OF EXPLOSIVES AT ECKERTHAL,
(25NM S BRAUNSCHWEIG NDB BRU).
F) GND
G) 9500 FT AMSL
```

a) Flight Level 95
b) Altitude 9500 m MSL
c) Height 9500 ft
d) Altitude 9500 ft MSL

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

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

37. What is a latent error?

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

38. 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

39. Which of the following factors affects the reception of VHF transmissions?

a) Altitude

b) Twilight error

c) Shoreline effect

d) Height of ionosphere

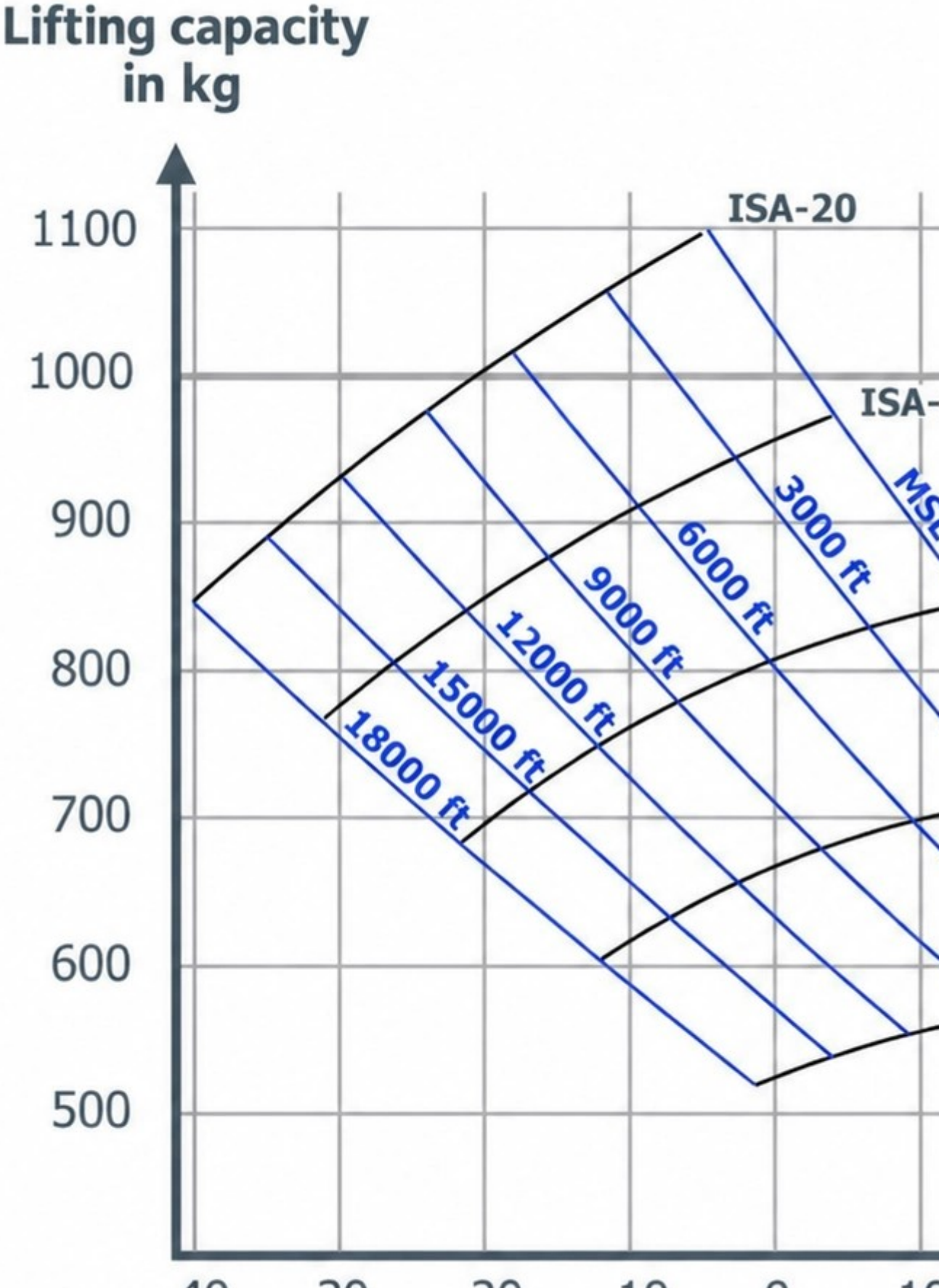
40. Given the following masses: Empty mass 260 kg Instruments 20 kg per gas container (full): 30 kg per person: 80 kg Assuming ISA temperatures, how many persons may be carried in the basket at maximum, if the hot-air balloon with 4 gas containers has to climb up to pressure altitude 9.000 ft ? (use attachment ECQB-PPL_BPL001)

Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

Extract from the



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

41. A fully inflated gas balloon rises to a new equilibrium after ballast is dropped. Assume lifting capacity is proportional to ambient pressure and a 1% pressure decrease corresponds to 80 m of height. Which approximate result is correct?

a) It increases by 8 m when total mass is reduced by 10%
b) It increases by 80 m when total mass is reduced by 1%
c) It decreases by 8 m when total mass is reduced by 10%
d) It decreases by 80 m when total mass is reduced by 1%

42. In case of damage of the hull of a gas balloon, repairs have to be done by a certified Approved Aeronautical Workshop when exceeding a length of:

a) 1.0 m
b) 2.0 m
c) 0.5 m
d) 5.0 m

43. A vertical speed indicator measures the difference between...

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

44. The density of helium gas under standard conditions is:

a) 0,2 kg / m3
b) 2 kg / m3
c) 0,02 g / m3
d) 0,2 g / m3

45. 5500 m equal...

a) 7500 ft
b) 18000 ft
c) 10000 ft
d) 30000 ft

46. 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

47. Which of the following options states a correct position report?

a) DEABC over "N" in FL 2500 ft
b) DEABC over "N" at 35
c) DEABC, "N", 2500 ft
d) DEABC reaching "N"

48. A balloon travels 3 NM in 10 minutes. At the same constant ground speed, how long will it take to cover a remaining distance of 18 NM?

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

49. What is the meaning of the phrase "Correction"?

a) Permission for proposed action is granted
b) An error has been made in this transmission. The correct version is...
c) I have received all of your last transmission
d) I understand your message and will comply with it

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

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

51. What is the meaning of a steady green light signal at a controlled aerodrome directed to an aircraft in flight?

a) Airport unsafe, do not land
b) Return for landing, followed by steady green at the appropriate time
c) Cleared to land
d) Give way to other aircraft and continue circling

52. What is the best combination of traits with respect to the individual attitude and behaviour for a pilot?

a) Extroverted - stable
b) Introverted - unstable
c) Introverted - stable
d) Extroverted - unstable

53. The term "static pressure" is defined as pressure...

a) Resulting from orderly flow of air particles
b) Inside the aeroplane cabin
c) Sensed by the pitot tube
d) Of undisturbed airflow

54. On summerdays with calm winds, the balloon pilot has to expect:

a) With strongly heated surface layers
b) With a cold air pool on the ground
c) With wind shear
d) With a pronounced ground inversion

55. What temperature is specified for gases under the IUPAC definition of standard temperature and pressure (STP, with a pressure of 100 kPa)?

a) 15° C
b) 5° C
c) 25° C
d) 0° C

56. What is the great circle distance between two points A and B on the equator when the difference between the two associated meridians is exactly one degree of longitude?

a) 60 NM
b) 216 NM
c) 400 NM
d) 120 NM

57. Which transponder code has to be set unrequested during an emergency?

a) 7700
b) 7500
c) 7600
d) 7000

58. What visual flight conditions can be expected within the warm sector of a polar front low during summer time?

a) Visibility less than 1000 m, cloud-covered ground
b) Moderate to good visibility, scattered clouds
c) Moderate visibility, heavy showers and thunderstorms
d) Good visibility, some isolated high clouds

59. Where are the two polar circles?

a) 23.5° north and south of the poles
b) 23.5° north and south of the equator
c) At a latitude of 20.5°S and 20.5°N
d) 20.5° south of the poles

60. Weather phenomena are most common to be found in which atmospheric layer?

a) Thermosphere
b) Troposphere
c) Tropopause
d) Stratosphere

61. At time of take-off, ground wind speed is 3 m/s. Along take-off flight path, at a distance of 270 m obstacles erect up to 40 m. What is the minimum rate of climb to keep a clearance of 50 m above the obstacles? (Consider double the ground wind speed for the flight path)

a) 1 m/s
b) 2 m/s
c) 1.5 m/s
d) 0.5 m/s

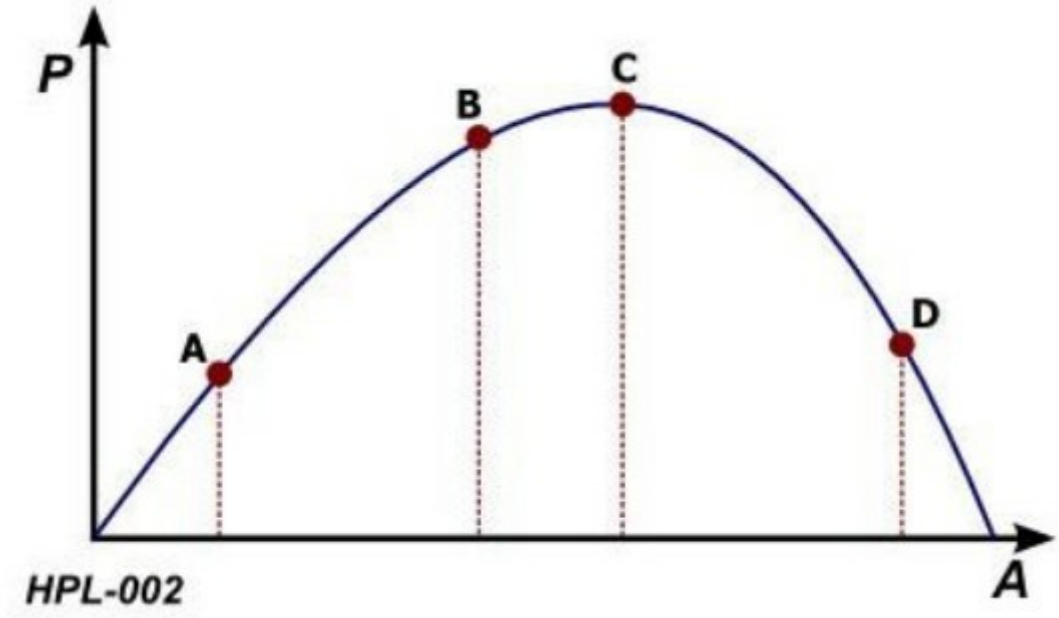
62. The correct transponder code for emergencies is...

a) 7500
b) 7600
c) 7000
d) 7700

63. What is the meaning of the phrase "Roger"?

a) Permission for proposed action is granted
b) I understand your message and will comply with it
c) An error has been made in this transmission. The correct version is...
d) I have received all of your last transmission

64. Which labelled point represents the highest performance and the ideal level of arousal in the diagram? See figure (HPL-002). P = Performance; A = Arousal / Stress.



a) Point A
b) Point C
c) Point D
d) Point B

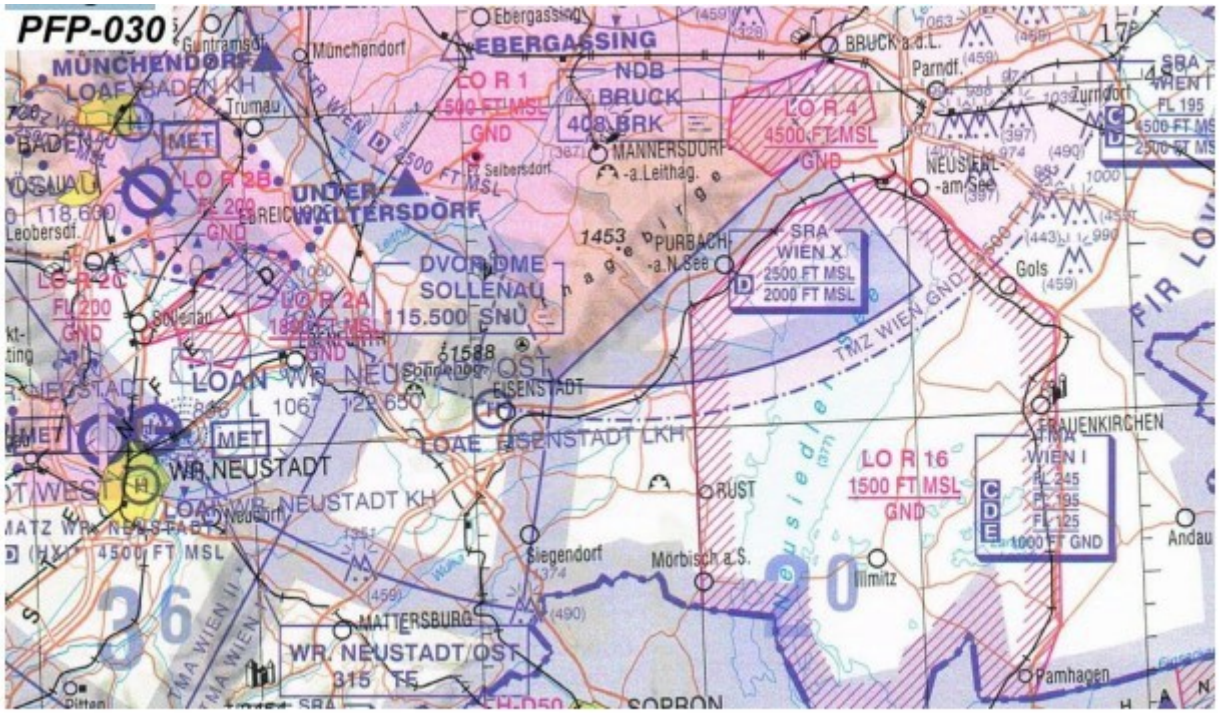
65. What does a readability of 5 indicate?

a) The transmission is perfectly readable
b) The transmission is readable but with difficulty
c) The transmission is unreadable
d) The transmission is readable now and then

66. 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?

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

67. The upper limit of LO R 4 equals... See annex (PFP-030)



a) 1500 ft MSL
b) 1500 ft AGL
c) 4500 ft MSL
d) 4500 ft AGL

68. What is the usual direction of movement of a polar front low?

a) To the northeast during winter, to the southeast during summer
b) Parallel to the warm-sector isobars
c) To the northwest during winter, to the southwest during summer
d) Parallel to the warm front line to the south

69. Which weather phenomenon is typically associated with wind shear?

a) Invernal warm front
b) Thunderstorms
c) Stable high pressure areas
d) Fog

70. What wind is reported as 225/15 ?

a) North-east wind with 15 km/h
b) South-west wind with 15 km/h
c) South-west wind with 15 kt
d) North-east wind with 15 kt

71. The term "runway" is defined as a...

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

72. Which information from a ground station does not require readback?

a) Traffic information
b) Taxi instructions
c) Heading
d) Altimeter setting

73. The rotational axis of the Earth runs through the...

a) Geographic North Pole and on the geographic South Pole

b) Magnetic north pole and on the magnetic south pole

c) Geographic North Pole and on the magnetic south pole

d) Magnetic north pole and on the geographic South Pole

74. What is the minimum flight visibility in airspace "E" for an aircraft operating under VFR at FL75?

a) 1500 m

b) 8000 m

c) 3000 m

d) 5000 m

75. With respect to aircraft accident and incident investigation, what are the three categories regarding aircraft occurrences?

a) Incident, Serious incident, Accident

b) Event, Serious event, Accident

c) Happening, Event, Serious event

d) Event, Crash, Disaster

76. Urgency messages are defined as...

a) Messages concerning aircraft and their passengers which face a grave and imminent threat and require immediate assistance

b) Messages concerning urgent spare parts which are needed for a continuation of flight and which need to be ordered in advance

c) Messages concerning the safety of an aircraft, a watercraft or some other vehicle or person in sight

d) Information concerning the apron personnel and which imply an imminent danger to landing aircraft

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

a) 10 km

b) 8 km

c) 5 km

d) 1.5 km

78. The vertical speed indicator measures the difference of pressure between...

a) The present dynamic pressure and the dynamic pressure of a previous moment
b) The present total pressure and the total pressure of a previous moment
c) The present dynamic pressure and the static pressure of a previous moment
d) The present static pressure and the static pressure of a previous moment

79. Where does the inclination reach its lowest value?

a) At the geographic equator
b) At the magnetic poles
c) At the magnetic equator
d) At the geographic poles

80. What is the meaning of the abbreviation "SERA"?

a) Selective Radar Altimeter
b) Standard European Routes of the Air
c) Specialized Radar Approach
d) Standardized European Rules of the Air

81. A risk factor for decompression sickness is...

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

82. Temperatures will be given by meteorological aviation services in Europe in which unit?

a) Degrees Centigrade (° C)
b) Degrees Fahrenheit
c) Gpdam
d) Kelvin

83. Which is the purpose of the altimeter subscale?

a) To reference the altimeter reading to a predetermined level such as mean sea level, aerodrome level or pressure level 1013.25 hPa

b) To adjust the altimeter reading for non-standard temperature

c) To set the reference level for the altitude decoder of the transponder

d) To correct the altimeter reading for system errors

84. 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

85. How does a gas react when released from a pressurized container?

a) The gas heats adiabatically due to expansion

b) The gas cools adiabatically due to expansion

c) The gas condenses inside the envelope

d) The gas cools due to thermal contact with environmental air

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

a) Inside the basket

b) Below the net ending ropes

c) At the outside wall of the basket

d) Inside the tow shield

87. What must be considered for cross-border flights?

a) Transmission of hazard reports

b) Approved exceptions

c) Regular location messages

d) Requires flight plans

88. When must an ATIS message be updated?

a) Only every 30 minutes, regardless of changes
b) Immediately when a significant change occurs; pilots must use the current ATIS
c) Only once every hour, regardless of changes
d) Only at the request of an individual pilot

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

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

90. In case of a water landing, when should the life jackets be inflated?

a) Before touchdown on water surface
b) After leaving the basket
c) After landing, still in the basket, if leaving the basket has to be expected
d) During cruise over water

91. What is the approximate speed of electromagnetic wave propagation?

a) 300000 m/s
b) 123000 m/s
c) 300000 km/s
d) 123000 km/s

92. How can the vents be checked before take-off with a gas balloon?

a) Connecting the filling nozzle with the static line loop
b) Strongly shaking the vent rope
c) Perform a valve slide
d) Check if the ropes are clear and working

93. The maximum number of passengers can be found ...

a) In the certificate of registration
b) In the operating handbook
c) In the Flight Log book
d) In the airworthiness certificate

94. 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 decreases
c) Volume increases, density decreases, temperature decreases
d) Volume decreases, density decreases, temperature decreases

95. What is the correct way to transmit the call sign HB-YKM?

a) Hotel Bravo Yuliett Kilo Mikro
b) Home Bravo Yuliett Kilo Mike
c) Home Bravo Yankee Kilo Mikro
d) Hotel Bravo Yankee Kilo Mike

96. What weather is likely to be experienced during "Foehn" in the Bavarian area close to the Alps?

a) High pressure area overhead Biscay and low pressure area in Eastern Europe
b) Nimbostratus cloud in the southern Alps, rotor clouds at the lee side, warm and dry wind
c) Cold, humid downhill wind on the lee side of the Alps, flat pressure pattern
d) Nimbostratus cloud in the northern Alps, rotor clouds at the windward side, warm and dry wind

97. What process results in the formation of "orographic fog" ("hill fog")?

a) Prolonged radiation during nights clear of clouds
b) Warm, moist air is moved across a hill or a mountain range
c) Evaporation from warm, moist ground area into very cold air
d) Cold, moist air mixes with warm, moist air

98. At time of take-off, ground wind speed is 2 m/s. Along take-off flight path, at a distance of 320 m obstacles erect up to 30 m. What is the minimum rate of climb to keep a clearance of 50 m above the obstacles? (Consider double the ground wind speed for the flight path)

a) 1 m/s
b) 1.5 m/s
c) 2 m/s
d) 0.5 m/s

99. What cloud type does the picture show? See figure (MET-004).



a) Cirrus
b) Altocumulus
c) Stratus
d) Cumulus

100. In what cases is visibility transmitted in kilometers?

a) Up to 5 km
b) Greater than 5 km
c) Up to 10 km
d) Greater than 10 km

101. The term ‚magnetic course' (MC) is defined as...

a) The angle between true north and the course line
b) The direction from an arbitrary point on Earth to the magnetic north pole
c) The direction from an arbitrary point on Earth to the geographic North Pole
d) The angle between magnetic north and the course line

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

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

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

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

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

a) Deploy the trail rope and activate the rip panel at the height specified by the balloon flight manual
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

105. The average decrease of blood alcohol level for an adult in one hour is approximately...

a) 0.3 percent
b) 0.03 percent
c) 0.01 percent
d) 0.1 percent

106. What can solar heating of the lifting gas do to the pressure ceiling of a gas balloon before gas is released?

a) The pressure ceiling decreases
b) The pressure ceiling increases
c) The lifting gas always cools immediately
d) A sudden increase in rate of descent

107. What is the call sign of the aerodrome control?

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

108. From which altitude on does the body usually react to the decreasing atmospheric pressure?

a) 7000 feet
b) 12000 feet
c) 2000 feet
d) 10000 feet

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

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

110. During buildup of a gas balloon, sacks with sand are hooked up. The end of the hooks should be directed ...

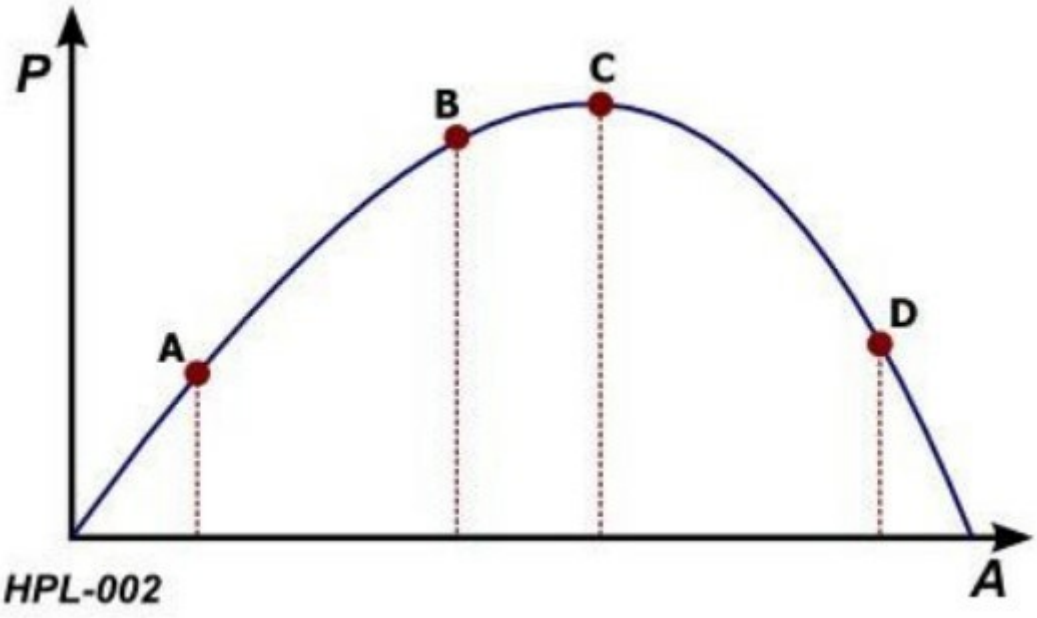
a) Parallel to net path

b) Outside

c) Inside

d) Perpendicular to net path

111. At which point in the diagram will a pilot find himself to be overstrained? See figure (HPL-002) P = Performance A = Arousal / Stress



a) Point B

b) Point D

c) Point C

d) Point A

112. 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) LF

d) HF

113. Where can the type of restriction for a restricted airspace be found?

a) ICAO chart 1:500000
b) NOTAM
c) AIC
d) AIP

114. What weather conditions can be expected during "Foehn" on the windward side of a mountain range?

a) Layered clouds, mountains obscured, poor visibility, moderate or heavy rain
b) Scattered cumulus clouds with showers and thunderstorms
c) Calm wind and forming of high stratus clouds (high fog)
d) Dissipating clouds with unusual warming, accompanied by strong, gusty winds

115. What is the meaning of the abbreviation "AIREP"?

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

116. What does the abbreviation "HX" stand for?

a) Sunrise to sunset
b) 24 h service
c) Sunset to sunrise
d) No specific opening hours

117. 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

118. Under SERA.14083(c), what should a VFR pilot do after unsuccessful attempts to restore radio communication in a control zone?

a) Continue the flight under the last clearance and land only if danger becomes imminent

b) Select 7500 and maintain the current altitude until fuel runs out

c) Ignore the failure because VMC removes the need to follow the radio-failure procedure

d) Select 7600 if equipped, continue in VMC, land at the nearest suitable aerodrome and report arrival to ATS; watch for visual signals when part of controlled aerodrome traffic

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

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

120. When is the blind-transmission procedure used under SERA.14085(a)?

a) Only after the pilot has received proof that the ground station can hear the aircraft

b) Whenever a routine transmission should be sent to several stations at once

c) After all available attempts to establish contact on appropriate channels with ATS units or other aircraft have failed

d) Only after unintentionally entering cloud while radio communication still works

Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

Response Scheme

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

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

Visit quizvds.it and download the Apps for iPhone, iPad and Android!

Quizvds.it

Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

85: **B**	86: **A**	87: **D**	88: **B**
89: **C**	90: **B**	91: **C**	92: **C**
93: **B**	94: **A**	95: **D**	96: **B**
97: **B**	98: **A**	99: **A**	100: **B**
101: **D**	102: **C**	103: **A**	104: **A**
105: **C**	106: **A**	107: **B**	108: **A**
109: **B**	110: **B**	111: **B**	112: **A**
113: **D**	114: **A**	115: **B**	116: **D**
117: **B**	118: **D**	119: **A**	120: **C**

Visit quizvds.it and download the Apps for iPhone, iPad and Android!

Quizvds.it

Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

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:

Visit quizvds.it and download the Apps for iPhone, iPad and Android!

Quizvds.it

Exam simulation

BPL Gas Balloon Pilot Licence, 120 questions on 120 minutes!

Quizvds.it

85: _____ 86: _____ 87: _____ 88: _____

89: _____ 90: _____ 91: _____ 92: _____

93: _____ 94: _____ 95: _____ 96: _____

97: _____ 98: _____ 99: _____ 100: _____

101: _____ 102: _____ 103: _____ 104: _____

105: _____ 106: _____ 107: _____ 108: _____

109: _____ 110: _____ 111: _____ 112: _____

113: _____ 114: _____ 115: _____ 116: _____

117: _____ 118: _____ 119: _____ 120: _____

Visit quizvds.it and download the Apps for iPhone, iPad and Android!

Quizvds.it