

Que.	What is the full form of VFR?
	a) Visual flight rules
	b) Visual flying rules
	c) Virtual flight rules
	d) Virtual flying rules
Answer	a
Que.	By correcting the indicated airspeed for nonstandard temperature and pressure, we obtain _____ airspeed.
	a) Actual
	b) Virtual
	c) True
	d) Relative
Answer	c
Que.	The VSI is also called as _____
	a) Vinometer
	b) Radiometer
	c) Barometer
	d) Variometer
Answer	d
Que.	What is the frequency at which aircraft equipment's operate?
	a) 350Hz
	b) 450Hz
	c) 400Hz
	d) 40Hz
Answer	c
Que.	What is the full form of IAS?
	a) Implied airspeed
	b) Indicated airspeed
	c) Incident airspeed
	d) Immediate airspeed

Answer	b
Que.	What does the attitude indicator display?
	a) Aircraft's relation to the horizon
	b) Aircraft's relation to the ground
	c) Aircraft's relation to the wind flow
	d) Aircraft's relation to the atmospheric pressure
Answer	a
Que.	Which of the following can replace a heading indicator?
	a) Horizontal situation indicator
	b) Vertical situation indicator
	c) Horizontal path indicator
	d) Vertical path indicator
Answer	a
Que.	The turn indicator indicates rotation about the _____
	a) Horizontal axis
	b) Vertical axis
	c) Longitudinal axis
	d) Diagonal axis
Answer	c
Que.	TAS shows airspeed in _____
	a) Miles per hour
	b) Knots
	c) Nautical miles
	d) Kilometer per hour
Answer	b
Que.	Instrument flight rules are one of two sets of regulations that govern all aspects of civil aviation aircraft operations.
	a) False

	b) True
Answer	b
Que.	The compass instrument shows the aircraft's heading relative to magnetic _____
	a) West
	b) North
	c) South
	d) East
Answer	b
Que.	Altimeter is not a part of the "big five" flight instruments.
	a) False
	b) True
Answer	b
Que.	What is the full form of FDAI?
	a) Flight Directing Altitude Indicators
	b) Flight Director Altitude Indicators
	c) Flight Directing Attitude Indicators
	d) Flight Director Attitude Indicators
Answer	d
Que.	The attitude indicator is a primary instrument for flight.
	a) False
	b) True
Answer	b

Que.	Which of the following is used to account for the pilot's line of vision, w.r.t an attitude indicator?
	a) Precision knob
	b) Adjustment knob
	c) Pressure knob
	d) Calibrating knob
Answer	b
Que.	The bank index placed at the top of the attitude indicator displays the aircraft angle of _____
	a) Pitch
	b) Incidence
	c) Bank
	d) Attack
Answer	c
Que.	The top half of the attitude indicator is _____
	a) Green
	b) Blue
	c) Brown
	d) Yellow
Answer	b
Que.	Attitude indicator is also known as _____
	a) Artificial horizon
	b) Real horizon
	c) Virtual horizon
	d) True horizon
Answer	a
Que.	Why does the attitude indicator include a symbolic miniature aircraft mounted on it?
	a) So that it appears to be flying relative to the horizon
	b) So that it appears to be flying relative to the ground
	c) So that it appears to be flying relative to another aircraft

	d) So that it appears to be flying relative to the clouds
Answer	a
Que.	Russian-built aircraft have a different, attitude indicator design.
	a) True
	b) False
Answer	a
Que.	The heart of the Attitude Indicator is a _____
	a) Gyroscope
	b) Pressure gauge
	c) Altimeter
	d) Radar
Answer	a
Que.	Attitude and Heading Reference Systems are able to provide four-axis information.
	a) False
	b) True
Answer	a
Que.	The underwater locator beacon are able to operate to a depth of up to _____
	a) 60,000 meters
	b) 60 meters
	c) 600 meters
	d) 6,000 meters
Answer	d
Que.	What is the FAA requirement for the recording duration of a CVR?

	a) Maximum 2 hours
	b) Minimum 2 hours
	c) Maximum 6 hours
	d) Minimum 6 hours
Answer	b
Que.	The CVRs using analog wire based recording were replaced by analog _____ recorders.
	a) Optical tape
	b) Fiber tape
	c) Carbon tape
	d) Magnetic tape
Answer	d
Que.	The CVR is typically mounted in the front of the airplane, to maximize the chances of its survival in a crash.
	a) False
	b) True
Answer	a
Que.	Which of the following is not true about solid state recorders?
	a) Improve safety
	b) Lower maintenance cost than current recorders
	c) Require scheduled maintenance
	d) Replaces moving components with non-moving components
Answer	c
Que.	A flight data recorder must be able to withstand an acceleration of 3400g for _____
	a) 6.5 milliseconds
	b) 6.5 seconds
	c) 65 seconds
	d) 65 milliseconds

Answer	a
Que.	Which of the following is not a parameter required for CVRs and FDRs?
	a) Penetration resistance
	b) Static crush
	c) Airspeed
	d) Fluid immersion
Answer	c
Que.	Which of the following defines the minimum specification to be met for all aircraft requiring flight recorders?
	a) EURO ED-112
	b) EUROCAE ED-112
	c) FAA ED-112
	d) EUROCARE ED-112
Answer	b
Que.	The underwater locator beacon is automatically activated in the event of an accident.
	a) False
	b) True
Answer	b
Que.	The CVRs and FDRs must be able to withstand a crushing distance of _____
	a) 45km
	b) 45mm
	c) 45m
	d) 45cm
Answer	d
Que.	What is the full form of CVR?
	a) Crew voice recorder
	b) Cockpit voice recorder

	c) Cabin voice recorder
	d) Central voice recorder
Answer	b
Que.	Flight recorders are typically designed to withstand an impact of _____
	a) 3400g
	b) 340g
	c) 34,000g
	d) 34g
Answer	a
Que.	Flight Data Recorder (FDR) is also known as _____
	a) Orange Box
	b) Black Box
	c) Red Box
	d) Green Box
Answer	b
Que.	Since when have been flight data recorders, a mandatory requirement in commercial aircraft in the United States?
	a) 1997
	b) 1907
	c) 1967
	d) 2007
Answer	c
Que.	Which color paint is used to coat the exterior of the FDR?
	a) Bright orange
	b) Bright pink
	c) Bright red
	d) Bright black
Answer	a

Que.	Which of the following is not a channel used by CVRs?
	a) Cargo
	b) Pilot
	c) Copilot
	d) Crew
Answer	a
Que.	The FDR unit is usually mounted in the aircrafts _____
	a) Fuselage section
	b) Nose section
	c) Tail section
	d) Wing section
Answer	c
Que.	What is the full form of FDAU?
	a) Flight Data Analyzing Units
	b) Flight Data Acquisition Units
	c) Flight Drag Acquisition Units
	d) Flight Drag Analyzing Units
Answer	b
Que.	How often are FDR verification checks performed?
	a) Annually
	b) Weekly
	c) Monthly
	d) Bi-weekly
Answer	a
Que.	Modern FDRs emits a radioactive "ping".
	a) False
	b) True

Answer	a
Que.	Air pressure decreases with an increase of altitude.
	a) True
	b) False
Answer	a
Que.	The reference pressure in Canada and the United States, is noted in which of the following units?
	a) Meters of mercury
	b) Inches of mercury
	c) Hectopascals
	d) Pascals
Answer	b
Que.	What is the full form of ISA?
	a) International Stationary Atmosphere
	b) Internal Standard Atmosphere
	c) International Standard Atmosphere
	d) Internal Stationary Atmosphere
Answer	c
Que.	In a sensitive altimeter, the sea-level reference pressure can be adjusted with a _____ knob.
	a) Setting
	b) Calibrating
	c) Adjusting
	d) Pressure
Answer	a
Que.	Radio altimeters are used up to _____
	a) 2500 feet

	b) 3000 feet
	c) 250 feet
	d) 300 feet
Answer	a
Que.	Which of the following is the value of the atmospheric pressure, used to adjust the sub-scale of a pressure altimeter?
	a) Barometric setting
	b) Atmospheric setting
	c) Altimeter setting
	d) Altitude setting
Answer	c
Que.	What is a barometer supplied with a nonlinear calibration, so as to indicate altitude called?
	a) Radio Altimeter
	b) Radar altimeter
	c) Weather altimeter
	d) Pressure altimeter
Answer	d
Que.	The altimeter is used to shows the aircraft's _____
	a) Altitude
	b) Airspeed
	c) True speed
	d) Mach speed
Answer	a
Que.	In a radar altimeter, the greater the frequency shift the further the distance traveled.
	a) True
	b) False
Answer	a

