

## SOLVING THE FIFTH QUESTION

### VARIATIONS SEEN

- ✓ Abbreviations- expansion
- ✓ Fill in the blanks
- ✓ Conversion to avn terminology
- ✓ Phrases and conversion( roger etc)
- ✓ True or False

**Questions based on previous four questions**

- \* A passage is read out (Pen andide), you have to remember & answer based on that.
- ABVNS
  - \* Only based on chart.
  - \* hard & also similar to other.

AIS AERONAUTICAL INFORMATION SERVICE

ADR ADVISORY ROUTE

AWY AIRWAY

ATIS AUTOMATIC TERMINAL INFORMATION  
SERVICE

ASHTAM SPECIAL SERIES NOTAM FOR VOLCANIC  
ERUPTION/ASH CLOUD AFFECTING ACFT OPS

BCN BEACON

CF CHANGE FREQ TO

CTA CONT AREA

DTAM DESCEND TO AND MAINTAIN

DFDR DIGITAL FLT DATA RECORDER

EET ESTIMATED ELAPSED TIME

EOBT ESTIMATED OFF BLOCK TIME

ETO ESTIMATED TIME OVER SIGNIFICANT POINT

FISA AUTOMATED FLT INFO SERVICE

GPWS GROUND PROXIMITY WARNING SYSTEM

G/A/G GRND TO AIR, AIR TO  
GP GLIDE PATH

HAPI – HELICOPTER APCH PATH INDICATOR

H24 hours of service 24 hours

HJ HOURS OF SERVICE—SUNRISE TO SUNSET

HN HOUR OF SERVICE( SUNSET TO SUNRISE)

HO SERVICE AVAILABLE TO MEET OP REQMTS

HS SERVICE AVAILABLE DURING HOURS AS  
SCHEDULED

HX NO SPECIFIC WORKING HOURS

H24 CONTINUOUS SERVICE

BLO BELOW CLOUDS

WIP work in progress

## **QUESTIONS RECENTLY ASKED**

ITU ISSUES RR

R/W 27/09 CLOSED DUE WIP

CPDLC Controller pilot data link comm

BLO — *Below clouds.*

RLCE request level change enroute

PIB Pre flt info bulletin

G/A/G

BCN Beacon

ATIS *Auto Tel info Service*

D-ATIS *Digital* ... ..

H+ Hour plus

HJ Sunrise to Sunset

HN Hours of service-Sunset to Sunrise

HO Service available to meet operational reqmt

HS Service available during hours of scheduled

**HX** No specific working hours

**H24** Continuous service

**ATIS** Automatic Terminal Info Service

**VASI** Visual Approach Slope Indicator

**RVR** Runway Visual Range

**CAVOK** No cloud < 5000 ft, vis min 6 nm , no sig.

**VIDDYXAC** Chairman AAI, HQ, New Delhi

**J3E** SSB suppressed carrier, single channel containing analog information, telephony incl sound broadcasting

**QTE** True bearing from station to aircraft

**QDM** Magnetic Bearing from Aircraft to Station

**QNH** Altimeter sub scale setting to get elev on grnd

**PANS** Procedures for Air Navigation Services

**BLO** Below cloud

**RCLR** Re-cleared

**WIP** Work in progress

**PIB** Pre Flight information Bulletin

**CPDLC.** Controller – Pilot data link comns

**RCAG** Remote control air grnd stn

**EOBT** Estimate off block time

**ETO** Estimate time over

**AIS** Aeronautical info service

**ADR** Advisory route

**BCN** Beacon

**DFDR** Digital flight data recorder

**CTA** Control area

**CTR** Control zone

**EET** Estimate elapse time

**GA u/s** Glide angle unserviceable

**GP u/s** Glide Path unserviceable

**LLZ** Localizer

**TOP** Cloud top

**ACAS** Airborne collision avoidance sys

**TCAS** Traffic.....

**PN** Prior notice reqd

**Psn** Position

**Ptn** Procedure turn

**RCF** Radio comm failure

**RCL** Run way centre line

**REDL** Run way edge light

**RENL** Run way end light

**RLCE** Request level change en route

**RNN** Resume normal nav

RPLC	Replace
RR	Report reaching
STA	Straight in apch
TA	Transition alt
Tail	Tailwind
WIE	With imdt effect
Wpt	Way point
WS	Wind shear
Wx	Weather
X	Cross
Xng	Crossing
XMtr	Transmitter
LW	Landing weight

(a) TMA is a cont area \_\_\_\_\_ with more than two \_\_\_\_\_ ATS routes.

(b) Radio Regulations are issued by International telecommunication union \_\_\_\_\_ with its HQ at Geneva \_\_\_\_\_.

(d) In VFR the vis is 5000M \_\_\_\_\_ and ceiling is 300m \_\_\_\_\_.

(e) In special VFR the ceiling is 300 m \_\_\_\_\_.  
 VFR VIS 5000M DIST FROM CLOUD VERT 300M HOR  
 1500M  
 SPL VFR VIS UPTO 1.5 KM REST SAME

(f) VTRCF NC in Vis. ( VTRCF No change in visibility)

(g) ATA 0415. (Actual time of arrival 0415)

(h) Com brfg must be taken. Communication briefing must be taken.

(i) ATS route G705 is Awy. Air Traffic Service rte Golf seven zero fife is airway.

(j) Mumbai twr REDL is too bright. Mumbai tower Runway Edge lights are too bright.

**Watch Hours HJ.** Watch hours sunrise to sunset.

**(k)** VTKJN RTN due TECR. VTKJN return due technical reasons.

**(l)** VTESX req your TOC. VTESX request your Top of Climb.

**(m)** AD BCN is SVCBL. Aerodrome beacon is serviceable.

**(n)** You will land bfr SS. You will land before sunset.

- (b) G 457 is ADY route
- (c) Flight in Cld can be unsafe.
- (d) We are returning due TECR.
- (e) VTESX rep ETO.
- (f) ITU issues RR.
- (g) VTTGB SDBY to RNN.
- (h) VDF freq is 127.9.
- (i) VTFOG Mntn 210 Kts.
- (j) VOR is unrel.
- (k) AI 667 exer ctn.

### Question 1/5

Delhi Control, IT 237 we will commence our descent at a time 2213.

(Answer : Delhi Control Kingfisher 237 top of descent 2213.).

Chennai approach VT EWQ I see an aircraft straight ahead coming on to me.

(Answer : Chennai approach VT EWQ I see an aircraft head on.)

VT FRT Delhi Tower visibility will lessen to 300 m in rain.

(Answer : VT FRT Delhi Tower visibility will Reduce to 300 m in rain.)

Mumbai Tower 9W 675 glide path has gone away.

(Answer: Mumbai Tower Jet Air 675 glide path has gone off the air.)

VT FBN keep holding over VOR and you are likely to commence your approach at 2217.

(Answer: VT FBN Expected Approach Time 2217.)

## Question 2/5

VT HBK are you ready to take off without delay.

(Answer: VT HBK confirm ready for immediate departure.)  
IC 546 see around for Boeing.

(Answer: IC 546 look out for Boeing.  
VT RFD report at control zone border.

(Answer: VT RFD report at control zone boundary.)  
VT ACR descend to 10000 feet on QNE.

( Answer: VT ACR descend to FL 100)

Trivendrum tower let me know the aerodrome existing pressure. Trivendrum tower let me know the aerodrome existing pressure.

(Answer: Trivendrum Tower request QFE.)

Question 3/5

Visibility as reported by accredited observer at Delhi is 7 kms.

(Answer ground Visibility at Delhi is 7 kms)

Delhi Ground VT YHJ may we park aircraft with nose inward to terminal building.

(Answer: Delhi Ground VT YHJ request nose in parking.)  
VT RDG contact Rolly control on 118.000.

(Answer: VT RDG contact Rolly control on 118.0.)  
Amritsar tower there is a group of birds sitting on left of runway.

(Answer : Amritsar tower there is a flock of birds left of runway.

Delhi control weather at FL 330 is bumpy, request 310.

(Answer: Delhi control weather at FL 330 is turbulent,  
request 310.)

Question 4/5

VT HIK establish air ground communication with VDF.

(Answer: VT HIK Contact HOMER)

Company dispatch this is 9W 478 calling.

(Answer: Jet Air Dispatch Jet Air 478.)

VT BHY call when you start flying on Localizer.

(Answer: VT BHY report established on Localizer.)

IC 290 proceed to Runway holding position via A & G.

(Answer: AIRINDIA 290 CLEARED to Runway holding position via A & G.)

AI 112 you are at seventh place to land.

(Answer: AIRINDIA 112 you are NUMBER seven in landing sequence.)

### Question 5/5

Dolly control confirm Visual Approach Slope indicator system available.

(Answer: Dolly control confirm VASIS available.)

VT FIR Delhi control give your flight details from Chandigarh to Jammu.

(Answer: VT FIR Delhi submit flight plan from Chandigarh to Jammu.

VT JNH carried out final approach under direction of radar control.

(Answer: VT JNH executed RADAR Approach.)

Pilot in Command of VT YRE to report in the unit that provides approach control Office.

(Answer: P in C of VT YRE to report in approach control Office.)

Chennai Radar keep me further behind the Airbus due to its heavy back wash.

(Answer: Chennai Radar request more spacing from the Airbus due wake turbulence.)

### Question 6/ 5

VT EDC listen Delhi weather on 126.4.

(Answer: VT EDC Monitor Delhi weather on 126.4.)

VT PJK what is actual time you departed from Madurai.

(Answer: VT PJK Report actual time departure Madurai.)

Helicopter 135 report control zone border.

(Answer: Helicopter 135 report control zone boundary.)

VT OKL make a circle to your right in middle of downwind leg.

(Answer: VT OKL orbit right in middle of downwind leg.)  
I have received all that you have said in your last transmission.

(Answer: Roger)

### Question 7/7

Chennai, I understand that on passing clear of aircraft which is on opposite path, I can climb to my height.

(Answer: Chennai understand on crossing reciprocal traffic, cleared to climb to my level.)

I am new to the airport and I am not sure where I am, please send me a vehicle to find my way to stand.

(Answer: Not familiar with airport, position unsure, request follow me to the stand.

Delhi I think we have a problem here, probably with APU. Can we maintain FL 170 to check for some time and later climb higher.

(Answer: Delhi request to maintain FL 170 to check suspected problem with APU, before climbing further/higher.

Nagpur I called you so many times but there has been no answer from you. I am waiting for descend

. (Answer: Nagpur, gave repeated calls, awaiting descent clearance.

VT RGY delay yourself to cross LLK at 1023 or more.

(Answer: VT RGY lose time to cross LLK 1023 or later.

## Question 8/6

VT ASH continue making circles at your level there will be some delay for your descend

(Answer: VT ASH continue orbiting, maintain level, expect delay.)

Cochin Twr, did you say clear to land.

(Answer: Cochon Twr, confirm clear to land.)

Amritsar VT FOX is your weather good enough for my visual flight.

(Answer: Amritsar VT FOX confirm your weather VFR.)

Delhi VT ATT we are flying behind Air India and getting his turbulence.

(Answer: Delhi VT ATT we are following Air India and experiencing wake turbulence.)

Chandigarh VT UIJ I am getting in your airspace.

(Answer: Chandigarh VT UIJ entering your airspace.)

## Question 9/5

Mumbai control yes we are approved RVSM status.

(Answer: Mumbai control Affirm RVSM.)

Ahmadabad we are having bumpy weather would like to climb and cruise FL 320.

(Answer: Ahmadabad we are experiencing turbulent, request climb FL 320.)

Delhi control we are getting back wash from aircraft ahead request lower flight level.

(Answer: Delhi control we are experiencing wake turbulence from aircraft ahead request lower flight level.) Nagpur Radar I need your help to navigate me for Instrument Landing System.

(Answer: Nagpur Radar request Radar vectoring for I L S.)

Delhi on finals I got into down draft and went down by 300 feet.

(Answer: Delhi on finals I experienced down draft and lost 300 feet.

## Question 10/5

Is radio nav aid services available for aircraft.

(Answer Confirm radio nav aid services available.)

Nagpur tower VT UGA touch down at 1245 landing on runway 13.

(Answer: Nagpur tower VT UGA landed runway 13, 1245.

VT IBV switching over to Delhi approach on 127.9.

(Answer: VT IBV changing to Delhi approach on 127.9.)

IC 538 turn right heading 230 degrees to identify yourself on radar.

(Answer: AIRINDIA 538 turn right heading 230 for RADAR identification.)

AI 367 keep coming at speed you are flying.

(Answer: AI 367 maintain speed.)

## Question 11

Is radio nav aid services available for aircraft.

(Answer: Confirm radio nav aid services available.  
6E490 wind direction is changing.)

(Answer: I fly 490 wind variable.)

9W339 switching over to Delhi approach on 127.9.

(Answer: JET AIRWAYS 339 changing to Delhi approach  
on 127.9.)

IC 538 turn right heading 230 degrees to identify yourself  
on radar.

(Answer: AIRINDIA 538 turn right heading 230 for  
RADAR identification.)

AI 367 keep coming at speed you are flying.

(Answer: Air India 367 maintain speed.)

## Question 12

Delhi control VT HJD would like to make approach in  
visual reference to terrain.

(Answer: Delhi control VT HJD request visual approach.)  
IC 538 turn right heading 230 degrees to identify yourself  
on radar.

(Answer: AIRINDIA 538 turn right heading 230 for RADAR identification.)

6E490 wind direction is changing.

(Answer: 6E490 wind variable.)

VTJYO make one circle right at downwind.

(Answer: VTJYO orbit right at downwind.)

Runway Visual Range 2500.

(Answer: RVR two thousand fife hundred.)

Question 13/5 (Repeat of previous question)

Delhi control VT HJB would like to make approach in visual reference to terrain.

IC 263 turn right 230 degrees to identify you on Radar.

AI 221 keep coming at the speed you are flying.

VT IJG make one circle to right at downwind.

Runway visual range is zero.

(Answer : RVR Nil)

Question 14/5

VT RUT weather at Jammu has become better.

(Answer: Weather Jammu has improved.)

Delhi control 9W 431 crossing border of your area.

(Answer: Delhi control crossing control boundary.)

IC 132 do not descent below FL 150.

(Answer: AIRINDIA 132 maintain FL 50.)

I am ready for a quick take off.

(Answer: Ready for immediate departure.)

6E 490 wind direction is changing.

(Answer: Ifly 490 wind variable,)

## Question 15/5

Vizag is transmitting to all station information about arriving cyclone on 122.5.

(Answer: Vizag is broadcasting about arriving cyclone on 122.5.)

VT GBN repeat the clearance.

(Answer: VT GBN readback clearance.)

Alexa station has got facility to transmit to aircraft in flight only.

(Answer: Alexa station has ground to air facility.)

Grover tower VT AGH what height will I have on my altimeter when I land on standard setting.

(Answer: VT AGH request field elevation and QNE.)

Any aircraft near 66 north 83 East this is AI 131.

(Answer: Any aircraft in vicinity of 66 north 83 east Air India 131.)

## Question 16/5

Delhi I would like to have authorization to go to Srinagar.

(Answer: Delhi request ATC clearance to Srinagar.)

9W 493 taxi backway on runway 09.

(Answer: JET AIRWAYS 493 backtrack runway 09.)

All station this is Nagpur control may day is over.

(Answer: All station Nagpur distress traffic ended.)

Jammu can you give me magnetic heading to reach you.

(Answer: Jammu request Q D M.)

VT RUT weather at Jammu has become better.

(Answer: VT RUT weather at Jammu has improved.)

## Question 17/5

Nagpur wilco . we will try to let the gear down again and if it remains up and I am unable to release the nose gear then we will land all three up.

(Answer: Nagpur Approach, will attempt again to lower gear, if unable, then will make belly landing.)

VT WXR obtain special weather report from surface movement control

(Answer: VT WXR obtain SPECI from Ground.)

Madurai confirm your runway is serviceable and what is its magnetic orientation.

(Answer: Madurai, confirm runway operational and QFU.)

Delhi I have spotted aircraft on finals, can we be behind him.

(Answer: Delhi traffic on finals in sight, Request follow him.)

Confirm Rock island has old vertical separation system.

(Answer: Confirm Rockland island has CVSM)