

Exam T-6B SYS1
Bank Name: Sys1 - A

1 Question Question 001 Type: MC Objective Item T-6B SYS1

The primary flight controls are manually operated using ____ linkage.

- A. hydraulic
- * B. mechanical
- C. electrical
- D. direct

Correct B

Explanation: N/A

Reference SYS-1 SG pg 3-6

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

2 Question Question 002 Type: MC Objective Item T-6B SYS1

Which of the following is NOT a secondary flight control component?

- A. Aileron trim surfaces
- * B. Control sticks
- C. Trim aid device (TAD)
- D. Rudder trim tab

Correct B

Explanation: N/A

Reference SYS-1 SG pg 3-6

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

3 Question Question 003 Type: MC Objective Item T-6B SYS1

What is the purpose of the elevator system?

- A. Changes the center of gravity of the aircraft to allow for climbs and descents
- B. Controls movement of the aircraft about the roll axis
- * C. Controls movement of the aircraft about the pitch axis
- D. Controls movement of the aircraft about the yaw axis

Correct C

Explanation: N/A

Reference SYS-1 SG pg 3-12

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score Active
Date

4 Question Question 004 Type: MC Objective Item T-6B SYS1

Which of the following is NOT true concerning the ground adjustable trim tabs?

- * A. Tabs can be used as a backup trim system in flight.
- B. Tabs are located on each aileron.
- C. Tabs are adjusted by maintenance personnel.
- D. Tabs adjust for stick neutral trim input to controls.

Correct A

Explanation: N/A

Reference SYS-1 SG pg 3-9

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

5 **Question** Question 005 **Type:** MC **Objective** **Item** T-6B SYS1

The purpose of the rudder is to rotate the aircraft about the ____ axis.

- A. pitch
- * B. yaw
- C. roll
- D. longitudinal

Correct B
Explanation: N/A
Reference SYS-1 SG pg 3-15
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score
Date Active

6 **Question** Question 006 **Type:** MC **Objective** **Item** T-6B SYS1

Which of the following is NOT part of the rudder system?

- * A. Control sticks
- B. Centering springs
- C. Tie Rods
- D. Rudder pedals

Correct A
Explanation: N/A
Reference SYS-1 SG pg 3-13
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score
Date Active

Exam T-6B SYS1
Bank Name: Sys1 - A

7 **Question** Question 007 **Type:** MC **Objective** **Item** T-6B SYS1

Where is the rudder trim switch located?

- A. On the control stick
- B. On the control panel
- C. On the power control lever in the aft cockpit only
- * D. On the power control lever in each cockpit

Correct D
Explanation: N/A
Reference SYS-1 SG pg 3-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

8 **Question** Question 008 **Type:** MC **Objective** **Item** T-6B SYS1

In the event of conflicting pilot aileron/elevator trim inputs, which cockpit trim switch has priority?

- A. The front cockpit
- B. Neither cockpit. The trim system will not work in the case of simultaneous inputs.
- * C. The rear cockpit
- D. The switch that is depressed first has priority.

Correct C
Explanation: N/A
Reference SYS-1 SG pg 3-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

9 Question Question 009 Type: MC Objective Item T-6B SYS1

Which of the following is NOT a function of the trim aid device (TAD)?

- A. Assist in maintaining directional trim
- * B. Maintain aircraft heading
- C. Assist in maintaining coordinated flight
- D. Reduce out of trim rudder forces

Correct B
Explanation: N/A
Reference SYS-1 SG pg 3-23
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

10 Question Question 010 Type: MC Objective Item T-6B SYS1

If the gust lock is properly installed, how will the controls appear?

- O A. Ailerons neutral, rudder neutral, and elevator neutral
- R B. Ailerons opposite, rudder neutral, and elevator neutral
- D * C. Ailerons neutral, rudder neutral, and elevator down
- E D. Ailerons opposite, rudder neutral, and elevator down

Correct C
Explanation: N/A
Reference SY103 SG pg 3-28
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

11 **Question** Question 011 **Type:** MC **Objective** **Item** T-6B SYS1

What kind of hydraulic system does the T-6B use?

- A. An air pressurized system charged to 1800 \pm 150 psi
- * B. An engine-driven, fluid pressurized system charged to 3000 \pm 120 psi
- C. An electrically operated system charged to 2400 \pm 50 psi
- D. An electrically operated, hydraulically controlled system charged to 3500 \pm 225 psi

Correct B
Explanation: N/A
Reference SY104 SG pg 4-5
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

12 **Question** Question 012 **Type:** MC **Objective** **Item** T-6B SYS1

Which of the following is NOT a component of the hydraulic system?

- A. Engine-driven pump
- B. Emergency system
- * C. Wheel brakes
- D. Power package

Correct C
Explanation: N/A
Reference SY104 SG pg 4-1
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

13 **Question** Question 013 **Type:** MC **Objective** **Item** T-6B SYS1

The primary hydraulic system operates the _____.

- ☐ A. landing gear and main landing gear doors, flaps, speed brake, and trim aid device
- ☐ B. landing gear and main landing gear doors, flaps, nose wheel steering, and trim aid device
- ☒ C. landing gear and main landing gear inboard doors, flaps, nose wheel steering, and speed brake
- ☐ D. landing gear and main landing gear doors, flaps, speed brake, and wheel brakes

Correct C
Explanation: N/A
Reference SY104 SG pg 4-7
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

14 **Question** Question 014 **Type:** MC **Objective** **Item** T-6B SYS1

If there is a loss of engine power, the primary hydraulic system fails, or a failure of the battery bus, the emergency hydraulic system is used to operate the ____.

- ☒ A. landing gear, main gear inboard doors, and flaps
- ☐ B. landing gear, flaps, and speed brake
- ☐ C. landing gear, landing gear doors, flaps, and speed brake
- ☐ D. landing gear, main gear doors, nose gear doors, and flaps

Correct A
Explanation: N/A
Reference SY104 SG pg 4-19 or pg 4-39
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

15 Question Question 015 Type: MC Objective Item T-6B SYS1

Which statement is correct concerning the operation and function of the emergency landing gear extension handle?

- ☐ A. It is located on the lower right side of the front cockpit instrument panel.
- ☐ B. It activates the normal hydraulic system, extending the landing gear.
- ☒ * C. Pulling this handle will extend the landing gear regardless of the position of the landing gear control handle.
- ☐ D. It is not functional when the normal hydraulic system is not operating normally.

Correct C
Explanation: N/A
Reference SY104 SG pg 4-40
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

16 Question Question 016 Type: MC Objective Item T-6B SYS1

During emergency operation, the accumulator _____.

- A. operates the flaps for a one-time extension and retraction
- B. is set to a standby mode until the power package reservoir is pressurized
- ☒ * C. provides hydraulic pressure without reliance on electrical power
- D. depends on electrical power to provide hydraulic pressure

Correct C
Explanation: N/A
Reference SY104 SG pg 4-21
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

17 **Question** Question 017 **Type:** MC **Objective** **Item** T-6B SYS1

Which is true regarding operation of the speed brake using the emergency system?

- A. There is only partial deployment of the speed brake.
- * B. The speed brake is not operated using the emergency system.
- C. Once extended, the speed brake cannot be retracted.
- D. There must be at least 2000 psi available.

Correct B
Explanation: N/A
Reference SY104 SG pg 4-19
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

18 **Question** Question 018 **Type:** MC **Objective** **Item** T-6B SYS1

Which landing gear doors are operated hydraulically?

- * A. The main gear inboard doors
- B. The nose wheel doors
- C. The main gear inboard and outboard doors
- D. The main gear outboard doors

Correct A
Explanation: N/A
Reference SY104 SG pg 4-27
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

19 **Question** Question 019 **Type:** MC **Objective** **Item** T-6B SYS1

Before lowering the gear using either the primary or emergency system, _____.

- A. ensure your airspeed is below 120 KIAS
- B. ensure your flaps are retracted
- C. ensure the flap handle is in the LAND position
- * D. ensure your airspeed is below 150 KIAS

Correct D
Explanation: N/A
Reference SY104 SG pg 4-35
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score
Date Active

20 **Question** Question 020 **Type:** MC **Objective** **Item** T-6B SYS1

An audible alarm will sound if _____.

- * A. the gear handle is not down and there is weight on the wheels
- B. the gear handle is down and the throttle is less than 87% N1
- C. the gear handle is up and the flaps are in the UP position
- D. airspeed is above 150 KIAS with the gear extended

Correct A
Explanation: N/A
Reference SY104 SG pg 4-36
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score
Date Active

Exam T-6B SYS1
Bank Name: Sys1 - A

21 **Question** Question 021 **Type:** MC **Objective** **Item** T-6B SYS1

Which method(s) are used to steer the aircraft on the ground?

- A. Rudder and/or differential braking only
- B. Nose wheel steering only
- * C. Nose wheel steering, differential braking, and rudder
- D. Nose wheel steering and differential thrust

Correct C
Explanation: N/A
Reference SY105 SG pg 5-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

22 **Question** Question 022 **Type:** MC **Objective** **Item** T-6B SYS1

During ground operations involving high taxi speed, nose wheel steering should _____ used, due to _____.

- * A. not be; increased sensitivity
- B. be; better control
- C. be; reduced wear on the brakes
- D. not be; decreased responsiveness

Correct A
Explanation: N/A
Reference SY105 SG pg 5-19
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

23 **Question** Question 023 **Type:** MC **Objective** **Item** T-6B SYS1

The _____ has the primary purpose of allowing you to decelerate and/or increase your descent rate without increasing your airspeed.

- * A. speed brake
- B. landing gear
- C. flaps system
- D. wheel brake

Correct A
Explanation: N/A
Reference SY105 SG pg 5-11
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

24 **Question** Question 024 **Type:** MC **Objective** **Item** T-6B SYS1

The speed brake retracts if _____.

- ☐ A. the speed brake switch is moved forward or airspeed increases above 150 KIAS
- ☐ B. the speed brake switch is moved forward, flaps are extended, or the PCL is reduced to MIN
- * ☐ C. the speed brake switch is moved forward, flaps are extended, or the PCL is moved to MAX
- ☐ D. the speed brake switch is moved aft, flaps are extended, or the PCL is moved to MAX

Correct C
Explanation: N/A
Reference SY105 SG pg 5-15
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

25 **Question** Question 025 **Type:** MC **Objective** **Item** T-6B SYS1

A major function of the flaps at takeoff is to ____.

- A. increase lift with maximum increase in drag to shorten ground run for takeoff
- B. decrease drag to shorten ground run for takeoff
- C. decrease drag and lift to shorten ground run for takeoff
- * D. produce the greatest lift with minimal drag to shorten ground run for takeoff

Correct D
Explanation: N/A
Reference SY105 SG pg 5-6
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

26 **Question** Question 026 **Type:** MC **Objective** **Item** T-6B SYS1

The UFCP is the primary means of system control functions including ____.

- O A. communication and navigation radio selection and tuning
- R B. navigation waypoint entry
- D C. execution of pre-planned waypoints and flight plans
- E * D. all of the above

Correct D
Explanation: N/A
Reference SY107 SG pg 7-6
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

27 **Question** Question 027 **Type:** MC **Objective** **Item** T-6B SYS1

A filled circle (left justified) in a UFCP data display window indicates the window _____.

- A. is active for data entry
- B. is inactive for data entry
- C. has toggle capability for two or more options
- * D. has a press and hold function

Correct D
Explanation: N/A
Reference SY107 SG pg 7-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

28 **Question** Question 028 **Type:** MC **Objective** **Item** T-6B SYS1

The UFCP persistent display is the _____ presentation and displays after _____ seconds of inactivity.

- A. primary; 10
- B. basic; 10
- * C. default; 20
- D. advanced; 20

Correct C
Explanation: N/A
Reference SY107 SG pg 7-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

29 **Question** Question 029 **Type:** MC **Objective** **Item** T-6B SYS1

Invalid frequency data in the UFCP is indicated by what symbol?

- * A. Asterisk
- B. Left-facing chevron
- C. Left-facing filled triangle
- D. Right-facing chevron

Correct A

Explanation: N/A

Reference SY107 SG pg 7-17

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score

Date

Active

30 **Question** Question 030 **Type:** MC **Objective** **Item** T-6B SYS1

The UHF radio operates in one of three active modes, set normally through the UFCP. They include _____.

- A. Mode A, mode C, mode S
- * B. Transmit/receive and monitor Guard, Transmit/receive, Guard
- C. Preset, manual, automatic
- D. Transmit, receive, monitor Guard

Correct B

Explanation: N/A

Reference SY107 SG pg 7-24

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score

Date

Active

Exam T-6B SYS1
Bank Name: Sys1 - A

31 **Question** Question 031 **Type:** MC **Objective** **Item** T-6B SYS1

Primary displays for basic flight instruments, navigation data, engine indications, and aircraft system advisories are displayed on the _____ located in each cockpit.

- * A. MFDs
- B. HUDs
- C. UFCPs
- D. BFIs

Correct A
Explanation: N/A
Reference SY108 SG pg 8-15
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

32 **Question** Question 032 **Type:** MC **Objective** **Item** T-6B SYS1

The attitude, airspeed, vertical speed, glideslope, localizer, angle of attack, turn and slip, and wind indicator along with an altimeter, HSI, and accelerometer are displayed on the _____.

- A. EICAS
- * B. PFD
- C. NAV
- D. BFI

Correct B
Explanation: N/A
Reference SY108 SG pg 8-26
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

33 **Question** Question 033 **Type:** MC **Objective** **Item** T-6B SYS1

The top half of the PFD consists of _____.

- A. Aircraft and engine system information and CAS messages
- * B. The attitude indicator, AOA, airspeed, altitude, and vertical speed indicators
- C. A compass rose or arc that includes a map, glidescope or lateral deviation indicators, and active FMS waypoint information
- D. The horizontal situation indicator and provides primary heading, navigation display, course selection, indication, NAV source, localizer deviation, and selected heading bug

Correct B
Explanation: N/A
Reference SY108 SG pg 8-29
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

34 **Question** Question 034 **Type:** MC **Objective** **Item** T-6B SYS1

The BFIs provide backup flight instrument indications in the event of failure of the electronic flight instrument system or the aircraft electrical systems. The BFIs are normally powered by the _____.

- * A. battery bus
- B. generator bus
- C. generator control switches
- D. auxillary battery

Correct A
Explanation: N/A
Reference SY108 SG pg 8-53
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

35 **Question** Question 035 **Type:** MC **Objective** **Item** T-6B SYS1

The altimeter provides a display of _____.

- * A. baro-corrected altitude
- B. non-corrected altitude
- C. mean sea level and above ground level altitudes
- D. calibrated altitude

Correct A
Explanation: N/A
Reference SY108 SG pg 8-34
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

36 **Question** Question 036 **Type:** MC **Objective** **Item** T-6B SYS1

When a red CAS warning message appears, it triggers the _____ in both cockpits.

- A. MASTER CAUT and MASTER WARN switchlights and aural warning
- B. MASTER WARN switchlights
- * C. MASTER WARN switchlights and aural warning
- D. MASTER CAUT and MASTER WARN switchlights

Correct C
Explanation: N/A
Reference SY109 SG pg 9-13
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

37 **Question** Question 037 **Type:** MC **Objective** **Item** T-6B SYS1

System status/condition messages are displayed ____ on the CAS.

- * A. white and green
- B. red and amber (yellow)
- C. blue and red
- D. green and amber (yellow)

Correct A
Explanation: N/A
Reference SY109 SG pg 9-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

38 **Question** Question 038 **Type:** MC **Objective** **Item** T-6B SYS1

Which of the following is a function of the green IDARS recorder/maintenance annunciator?

- A. provides for download of IDARS data
- B. provides interface between IDARS and DTM
- C. stores BIT data in system memory
- * D. indicates IDARS memory is ~80% full

Correct D
Explanation: N/A
Reference SY109 SG pg 9-43
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

39 **Question** Question 039 **Type:** MC **Objective** **Item** T-6B SYS1

The AOA computer receives input from the ____ near the left wing tip, the ____ and the ____.

- * A. AOA vane; flap position microswitch; landing gear (when extended)
- B. pilot valve; flap lever; outboard gear door switch (when extended)
- C. AOA vane; elevator position microswitch; landing gear lever (when down)
- D. AOA indicator; flap gauge; and the landing gear weight on wheels switch

Correct A
Explanation: N/A
Reference SY109 SG pg 9-19
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

40 **Question** Question 040 **Type:** MC **Objective** **Item** T-6B SYS1

When the AOA test switch is set to the ____ position, the AOA indexer amber donut is activated, the indexer red chevrons are deactivated, and the AOA gauge is set to the 10.5 plus or minus 0.4 position.

- A. TEST
- * B. LO
- C. OFF
- D. HI

Correct B
Explanation: N/A
Reference SY109 SG pg 9-26
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

41 **Question** Question 041 **Type:** MC **Objective** **Item** T-6B SYS1

The UHF radio provides _____.

- A. transponder and air-to-ground communication
- B. inter-cockpit, air-to-air, and air-to-ground communication
- C. navigation signals and air-to-air communication
- * D. air-to-air and air-to-ground communication

Correct D
Explanation: N/A
Reference SY111 SG pg 11-5
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

42 **Question** Question 042 **Type:** MC **Objective** **Item** T-6B SYS1

To transmit over the UHF radio, _____.

- A. push the UHF field select key on the UFCP
- * B. push up on the UHF/VHF key on the PCL
- C. push the UHF knob on the audio control panel
- D. push down on the UHF/VHF key on the PCL

Correct B
Explanation: N/A
Reference SY111 SG pg 11-7
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

43 **Question** Question 043 **Type:** MC **Objective** **Item** T-6B SYS1

The audio control panel is located on the _____.

- A. front lower panel in the front cockpit only
- B. side console panel in the front cockpit only
- C. side console panel in each cockpit
- * D. front lower console panel in each cockpit

Correct D
Explanation: N/A
Reference SY111 SG pg 11-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

44 **Question** Question 044 **Type:** MC **Objective** **Item** T-6B SYS1

The FMS allows the T-6B aircraft to store up to _____ presets in the COM library for UHF or the VHF radios.

- O * A. 99
- R B. 77
- D C. 20
- E D. 10

Correct A
Explanation: N/A
Reference SY111 SG pg 11-24/27
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - A

45 **Question** Question 045 **Type:** MC **Objective** **Item** T-6B SYS1

- A ground crew interphone headset jack is located _____.
A. on the front console panel
B. on the right side of the aircraft just below the avionics bay
C. inside the avionics bay
* D. on the left side of the aircraft just below the avionics bay

Correct D
Explanation: N/A
Reference SY111 SG pg 11-16
Keywords:
Points: 1.00 **Penalty:** 0.00 **Score** Active
Date Created: 02/10/12 **Date Modified:**
Difficulty: N/A
Discriminatio N/A

46 **Question** Question 046 **Type:** MC **Objective** **Item** T-6B SYS1

- In the T-6B, both pilots have the capability to navigate via _____ and to fly _____ approaches.
* A. VOR; VOR or ILS
B. TACAN; TACAN or ILS
C. ILS; VOR or ILS
D. DME; VOR or DME

Correct A
Explanation: N/A
Reference SY112 SG pg 12-12
Keywords:
Points: 1.00 **Penalty:** 0.00 **Score** Active
Date Created: 02/10/12 **Date Modified:**
Difficulty: N/A
Discriminatio N/A

Exam T-6B SYS1
Bank Name: Sys1 - A

47 **Question** Question 047 **Type:** MC **Objective** **Item** T-6B SYS1

Slant range distance from the aircraft to a ground navigation station is calculated by the aircraft _____ system.

- * A. DME
- B. transponder
- C. GPS
- D. UFCP

Correct A

Explanation: N/A

Reference SY112 SG pg 12-24

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

48 **Question** Question 048 **Type:** MC **Objective** **Item** T-6B SYS1

TCAS provides _____.

- A. traffic advisories of all aircraft at variable ranges from the T-6B
- * B. traffic advisories of all operable transponder equipped aircraft at variable ranges from the T-6B
- C. a distinct pattern on an air traffic controller's scope to assist in aircraft identification
- D. highly accurate three-dimensional position, speed, and time information

Correct B

Explanation: N/A

Reference SY112 SG pg 12-39

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

Exam T-6B SYS1
Bank Name: Sys1 - A

49 **Question** Question 049 **Type:** MC **Objective** **Item** T-6B SYS1

The FMS uses the ____ as the primary position-determining reference. (B/1/2)

- A. Air Data Computer (ADC)
- B. Inertial Reference System (IRS)
- * C. Global Positioning System (GPS)
- D. magnetic sensor unit in the right wing

Correct C

Explanation: N/A

Reference SY114 SG pg 14-10

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

50 **Question** Question 050 **Type:** MC **Objective** **Item** T-6B SYS1

Flight Management System (FMS) data and management functions are controlled using the _____.

- * A. Up Front Control Panel (UFCP) and Multifunction Display (MFD) FMS pages
- B. MFD FMS pages and Primary Flight Display (PFD) prompts
- C. Head-Up Display (HUD) and UFCP
- D. MFD FMS pages and HUD

Correct A

Explanation: N/A

Reference SY114 SG pg 14-18

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

1 Question Question 051 Type: MC Objective Item T-6B SYS1

The secondary flight controls are _____ controlled and operated.

- A. electrically
- B. hydraulically
- * C. electromechanically
- D. aerodynamically

Correct C

Explanation: N/A

Reference SY103 SG pg 3-6

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score

Date

Active

2 Question Question 052 Type: MC Objective Item T-6B SYS1

Which of the following is NOT a primary flight control component?

- A. Elevator
- B. Rudder
- * C. Trim Aid Device (TAD)
- D. Ailerons

Correct C

Explanation: N/A

Reference SY103 SG pg 3-6

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score

Date

Active

Exam T-6B SYS1
Bank Name: Sys1 - B

3 Question Question 053 Type: MC Objective Item T-6B SYS1

Moving the control stick aft causes the trailing edge of the elevator to move ____ and the nose of the aircraft to move ____.

- ☐ A. down; down
- ☐ B. down; up
- ☐ C. up; down
- ☒ D. up; up

Correct D
Explanation: N/A
Reference SY103 SG pg 3-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

4 Question Question 054 Type: MC Objective Item T-6B SYS1

The ailerons control movement of the aircraft about the ____ axis.

- A. pitch
- B. yaw
- * C. roll
- D. vertical

Correct C
Explanation: N/A
Reference SY103 SG pg 3-8
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

5 **Question** Question 055 **Type:** MC **Objective** **Item** T-6B SYS1

Pilot control inputs cause the ailerons to deflect _____.

- A. in the same direction
- B. upwards only
- C. in first one, then the other direction
- * D. in opposite directions

Correct D

Explanation: N/A

Reference SY103 SG pg 3-8

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

6 **Question** Question 056 **Type:** MC **Objective** **Item** T-6B SYS1

Connection between the rudder pedals and the rudder control surface is provided by _____.

- A. the bobweight and bellcranks
- * B. cables, pulleys, and bellcranks
- C. the elevator electric trim actuator
- D. the control sticks and pulleys

Correct B

Explanation: N/A

Reference SY103 SG pg 3-14

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

7 Question Question 057 Type: MC Objective Item T-6B SYS1

Rudder centering springs provide a tendency for the rudder to return to neutral and _____.

- * A. enhance control feedback
- B. reduce pilot workloads
- C. prevent opposing control inputs
- D. provide inputs to the trim aid device (TAD)

Correct A
Explanation: N/A
Reference SY103 SG pg 3-14
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

8 Question Question 058 Type: MC Objective Item T-6B SYS1

Pressing the trim interrupt button has what effect on the trim system?

- A. Allows the other pilot's inputs
- B. Disconnects only the aileron and elevator trim
- C. Returns all trim settings to zero
- * D. Interrupts power to the trim actuators

Correct D
Explanation: N/A
Reference SY103 SG pg 3-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

9 Question Question 059 Type: MC Objective Item T-6B SYS1

In the event of conflicting pilot aileron/elevator trim inputs, which cockpit trim switch has priority?

- * A. The rear cockpit
- B. The front cockpit
- C. The switch that is depressed first has priority.
- D. Neither cockpit. The trim system will not work in the case of simultaneous inputs.

Correct A
Explanation: N/A
Reference SY103 SG pg 3-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

10 Question Question 060 Type: MC Objective Item T-6B SYS1

Which of the following is NOT an input to the TAD computer?

- * A. Heading
- B. Airspeed
- C. Torque
- D. Altitude

Correct A
Explanation: N/A
Reference SY103 SG pg 3-23
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

11 **Question** Question 061 **Type:** MC **Objective** **Item** T-6B SYS1

The primary hydraulic system operates the ____.

- A. landing gear and main landing gear doors, flaps, speed brake, and trim aid device
- B. landing gear and main landing gear doors, flaps, nose wheel steering, and trim aid device
- * C. landing gear and main landing gear inboard doors, flaps, nose wheel steering, and speed brake
- D. landing gear and main landing gear doors, flaps, speed brake, and wheel brakes

Correct C

Explanation: N/A

Reference SY104 SG pg 4-7

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score Active
Date

12 **Question** Question 062 **Type:** MC **Objective** **Item** T-6B SYS1

After the engine start, the ____ will continuously keep the emergency hydraulic system pressurized through a one-way check valve.

- A. engine P2 bleed air valve
- * B. primary hydraulic system
- C. mechanical emergency hydraulic piston
- D. OBOGS helium gas generator

Correct B

Explanation: N/A

Reference SY104 SG pg 4-20

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

13 **Question** Question 063 **Type:** MC **Objective** **Item** T-6B SYS1

Three specific conditions in which the emergency hydraulic system is used are when _____.

- A. there is a loss of engine power, the airspeed is less than 120 knots, or a generator bus failure
- B. the pressure drops below 3000 \pm 120 psi, altitude is below 6000', or a generator bus failure
- C. there is more than a 2-second drop in pressure, altitude is below 6000', or a battery bus failure
- * D. there is an engine failure, failure of the primary hydraulic system, or a battery bus failure

Correct D
Explanation: N/A
Reference SY104 SG pg 4-19
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

14 **Question** Question 064 **Type:** MC **Objective** **Item** T-6B SYS1

The emergency package receives its pressure _____.

- A. from the emergency selector valves
- B. directly from the 3500 psi pressure release valve
- C. directly from the reservoir piston
- * D. from the emergency accumulator

Correct D
Explanation: N/A
Reference SY104 SG pg 4-20
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

15 **Question** Question 065 **Type:** MC **Objective** **Item** T-6B SYS1

The emergency hydraulic system is limited to _____.

- A. one extension/retraction cycle of the landing gear
- B. ten minutes of operation of aircraft hydraulic systems
- * C. one extension of the gear and flaps
- D. one complete retraction of the landing gear

Correct C

Explanation: N/A

Reference SY104 SG pg 4-19

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

16 **Question** Question 066 **Type:** MC **Objective** **Item** T-6B SYS1

The purpose of the normal landing gear extension/retraction system is to _____.

- A. operate as a backup to the hydraulic system
- B. extend and retract the landing gear and retract gear doors only
- C. extend and retract landing gear and extend doors only
- * D. extend and retract the landing gear and all gear doors

Correct D

Explanation: N/A

Reference SY104 SG pg 4-27

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

17 **Question** Question 067 **Type:** MC **Objective** **Item** T-6B SYS1

_____ when the gear is fully extended and locked.

- A. You will get an audible alarm
- B. The landing gear selector handle will illuminate red
- * C. The gear indicator lights will show three green lights
- D. The CAS hydraulic display will show a drop to 2000 psi

Correct C
Explanation: N/A
Reference SY104 SG pg 4-34
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

18 **Question** Question 068 **Type:** MC **Objective** **Item** T-6B SYS1

Which is true regarding the main landing gear inboard doors?

- * A. They must reopen before the main landing gear can be retracted.
- B. They remain closed when the gear is extended during emergency landing gear operations.
- C. They are mechanically operated by the landing gear struts.
- D. They remain open while the gear is extended during normal operations.

Correct A
Explanation: N/A
Reference SY104 SG pg 4-29
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

19 **Question** Question 069 **Type:** MC **Objective** **Item** T-6B SYS1

You must operate the landing gear using the emergency landing gear extension system if the _____.

- A. hydraulic pressure drops below 2400 psi
- B. primary system shows a pressure of greater than 3500 psi
- * C. primary system fails, there is a loss of engine power, or the battery bus fails
- D. hydraulic pressure flow drops below 1 quart

Correct C

Explanation: N/A

Reference SY104 SG pg 4-19 or 4-39

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

20 **Question** Question 070 **Type:** MC **Objective** **Item** T-6B SYS1

The emergency landing gear extension handle _____.

- * A. is located in the front cockpit only
- B. is located in the hydraulic service bay
- C. illuminates to indicate the gear is in transit
- D. is activated just prior to using the landing gear selector handle

Correct A

Explanation: N/A

Reference SY104 SG pg 4-40

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

Exam T-6B SYS1
Bank Name: Sys1 - B

21 **Question** Question 071 **Type:** MC **Objective** **Item** T-6B SYS1

Which of the following is NOT used to maneuver the T-6B on the ground during taxi, takeoff, and landing?

- A. operation of the hydraulic nose wheel steering system (NWS)
- * B. moving control stick in the desired direction of turn
- C. the use of rudder (with sufficient propwash or airflow)
- D. the application of differential braking

Correct B
Explanation: N/A
Reference SY105 SG pg 5-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

22 **Question** Question 072 **Type:** MC **Objective** **Item** T-6B SYS1

The nose wheel steering is activated _____.

- * A. by pushing the nose wheel steering button on the control stick
- B. automatically after landing
- C. by pushing the NWS switch on the instrument panel
- D. by pushing either rudder pedal

Correct A
Explanation: N/A
Reference SY105 SG pg 5-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

23 **Question** Question 073 **Type:** MC **Objective** **Item** T-6B SYS1

The primary function of the speed brake is to _____.

- A. decelerate and/or decrease sink rate without decreasing airspeed
- B. accelerate and/or increase sink rate
- C. decelerate and/or increase sink rate
- * D. decelerate and/or increase sink rate without increasing airspeed

Correct D
Explanation: N/A
Reference SY105 SG pg 5-11
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

24 **Question** Question 074 **Type:** MC **Objective** **Item** T-6B SYS1

Major functions of the flaps are to _____.

- A. maintain sink rate, decrease drag, and increase airspeed during landing
- B. decrease sink rate and increase airspeed during landing
- * C. decrease airspeed needed for approach and decrease landing roll
- D. increase sink rate and increase airspeed during landing

Correct C
Explanation: N/A
Reference SY105 SG pg 5-6
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

25 **Question** Question 075 **Type:** MC **Objective** **Item** T-6B SYS1

The parking brake is activated by ____ .

- ☐ A. pulling and turning the parking brake handle 90° clockwise
- ☐ B. applying toe brakes while pulling and turning the brake handle 90° counterclockwise
- ☐ C. pulling and turning the parking brake handle 90° counterclockwise
- ☒ D. applying toe brake while pulling and turning the brake handle 90° clockwise

Correct D
Explanation: N/A
Reference SY105 SG pg 5-24
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

26 **Question** Question 076 **Type:** MC **Objective** **Item** T-6B SYS1

The UFCP persistent display is the ____ presentation and displays after ____ seconds of inactivity.

- A. primary; 10
- ☒ B. default; 20
- C. basic; 10
- D. advanced; 20

Correct B
Explanation: N/A
Reference SY107 SG pg 7-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

27 **Question** Question 077 **Type:** MC **Objective** **Item** T-6B SYS1

The UFCP is the primary means of system control functions including _____.

- ☐ A. communication and navigation radio selection and tuning
- ☐ B. navigation waypoint entry
- ☐ C. execution of pre-planned waypoints and flight plans
- ☒ * D. all of the above

Correct D
Explanation: N/A
Reference SY107 SG pg 7-6
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

28 **Question** Question 078 **Type:** MC **Objective** **Item** T-6B SYS1

Invalid frequency data in the UFCP is indicated by what symbol?

- A. Left-facing chevron
- B. Left-facing filled triangle
- C. Right-facing chevron
- * D. Asterisk

Correct D
Explanation: N/A
Reference SY107 SG pg 7-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

29 Question Question 079 Type: MC Objective Item T-6B SYS1

A filled circle (left justified) in a UFCP data display window indicates the window _____.

- A. is active for data entry
- * B. has a press and hold function
- C. is inactive for data entry
- D. has toggle capability for two or more options

Correct B
Explanation: N/A
Reference SY107 SG pg 7-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

30 Question Question 080 Type: MC Objective Item T-6B SYS1

The UHF radio operates in one of three active modes, set normally through the UFCP. They include _____.

- A. Mode A, mode C, mode S
- B. Preset, manual, automatic
- * C. Transmit/receive and monitor Guard, Transmit/receive, Guard
- D. Transmit, receive, monitor Guard

Correct C
Explanation: N/A
Reference SY107 SG pg 7-24
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

31 **Question** Question 081 **Type:** MC **Objective** **Item** T-6B SYS1

The integrated avionics system provides air data outputs to the _____.

- * A. ASI, altimeter, and VSI
- B. HUS, UFCP, ADI, and BFI
- C. ADI, HUD, and BFI
- D. VSI, BFI, and HSI

Correct A
Explanation: N/A
Reference SY108 SG pg 8-13
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

32 **Question** Question 082 **Type:** MC **Objective** **Item** T-6B SYS1

The bottom half of the PFD consists of _____.

- A. a compass rose or arc that includes a map, glideslope or lateral deviation indicators, and active FMS waypoint information
- B. Aircraft and engine system information and CAS messages
- * C. the horizontal situation indicator and provides primary heading, navigation display, course selection, indication, NAV source, and localizer
- D. the attitude indicator, AOA, airspeed, altitude, and vertical speed indicators

Correct C
Explanation: N/A
Reference SY108 SG pg 8-39
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

33 **Question** Question 083 **Type:** MC **Objective** **Item** T-6B SYS1

When operating in the T-6B basic student level display configuration, which MFD defaults to allow display of the MENU page?

- A. Right
- B. Center
- * C. Left
- D. Any of them

Correct C
Explanation: N/A
Reference SY108 SG pg 8-16
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

34 **Question** Question 084 **Type:** MC **Objective** **Item** T-6B SYS1

The backup flight instruments display airspeed, altitude, vertical velocity, heading, and ____.

- A. basic engine data
- B. angle of attack
- * C. attitude
- D. acceleration

Correct C
Explanation: N/A
Reference SY108 SG pg 8-52
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

35 **Question** Question 085 **Type:** MC **Objective** **Item** T-6B SYS1

The BFIs provide backup flight instrument indications in the event of failure of the electronic flight instrument system or the aircraft electrical systems. The BFIs are normally powered by the _____.

- * A. battery bus
- B. generator bus
- C. generator control switches
- D. auxillary battery

Correct A
Explanation: N/A
Reference SY108 SG pg 8-53
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

36 **Question** Question 086 **Type:** MC **Objective** **Item** T-6B SYS1

When a caution displays on the CAS, the _____ will flash in both cockpits.

- A. MASTER WARN switchlight
- B. MASTER CAUT CAS message
- * C. MASTER CAUT switchlight
- D. FIRE warning switchlight

Correct C
Explanation: N/A
Reference SY109 SG pg 9-13
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

37 **Question** Question 087 **Type:** MC **Objective** **Item** T-6B SYS1

What happens when the red FIRE annunciator illuminates?

- O A. The MASTER CAUT switchlight will illuminate steady.
R B. The MASTER WARN switchlight will illuminate steady.
D C. The MASTER CAUT switchlight will flash and the master warning tone is triggered.
E * D. The MASTER WARN switchlight will flash and the master warning tone is triggered.

Correct D
Explanation: N/A
Reference SY109 SG pg 9-16
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

38 **Question** Question 088 **Type:** MC **Objective** **Item** T-6B SYS1

The accelerometer indicates the aircraft ____ experienced during flight.

- A. vertical velocity
* B. G load
C. roll rate
D. angle of attack

Correct B
Explanation: N/A
Reference SY109 SG pg 9-28
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

39 **Question** Question 089 **Type:** MC **Objective** **Item** T-6B SYS1

Setting the AOA test switch to HI will _____.

- * A. operate the control stick shaker
- B. activate the AOA indexer red chevron
- C. activate the AOA indexer amber donut
- D. set the AOA gauge to 3.5 units

Correct A

Explanation: N/A

Reference SY109 SG pg 9-27

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

40 **Question** Question 090 **Type:** MC **Objective** **Item** T-6B SYS1

The AOA _____ provides a heads-up display of angle of attack information using three illuminated signals.

- A. gauge
- B. computer
- C. vane
- * D. indexer

Correct D

Explanation: N/A

Reference SY109 SG pg 9-24

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

41 **Question** Question 091 **Type:** MC **Objective** **Item** T-6B SYS1

During normal operation, frequency and mode selection of the UHF radio is controlled through the _____.

- A. interphone system
- B. backup VHF control panel
- C. audio panel
- * D. UFCP

Correct D

Explanation: N/A

Reference SY111 SG pg 11-23

Keywords:

Points: 1.00 **Penalty:** 0.00

Date Created: 02/10/12

Date Modified:

Score Active
Date

Difficulty: N/A

Discriminatio N/A

42 **Question** Question 092 **Type:** MC **Objective** **Item** T-6B SYS1

To transmit over the VHF radio, _____.

- A. push up on the UHF/VHF key on the PCL
- B. push the UHF field select key on the UFCP
- C. push the UHF knob on the audio control panel
- * D. push down on the UHF/VHF key on the PCL

Correct D

Explanation: N/A

Reference SY111 SG pg 11-7

Keywords:

Points: 1.00 **Penalty:** 0.00

Date Created: 02/10/12

Date Modified:

Score Active
Date

Difficulty: N/A

Discriminatio N/A

Exam T-6B SYS1
Bank Name: Sys1 - B

43 **Question** Question 093 **Type:** MC **Objective** **Item** T-6B SYS1

The interphone system provides communication between _____.

- A. the tower and the ground crew
- * B. the front and rear cockpits
- C. aircraft and aircraft
- D. the aircraft and tower

Correct B

Explanation: N/A

Reference SY111 SG pg 11-16

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

44 **Question** Question 094 **Type:** MC **Objective** **Item** T-6B SYS1

To increase the UHF radio volume, _____.

- A. push out and rotate the UHF knob on the audio control panel counterclockwise
- B. select the UHF on the RMU, then pull out and rotate the RMU knobs
- C. push out and rotate the RADIO knob on the audio control panel clockwise
- * D. push out and rotate the UHF knob on the audio control panel clockwise

Correct D

Explanation: N/A

Reference SY111 SG pg 11-19

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

45 **Question** Question 095 **Type:** MC **Objective** **Item** T-6B SYS1

The ground crew interphone system is powered ____.

- A. when the aircraft is started
- B. when the INTPH switch is placed in the ON position
- * C. when the battery switch is activated in either cockpit
- D. whenever ground power is supplied to the airplane

Correct C
Explanation: N/A
Reference SY111 SG pg 11-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

46 **Question** Question 096 **Type:** MC **Objective** **Item** T-6B SYS1

The VHF navigation receiver processes ____ signals.

- A. VOR and GPS
- B. ILS and GPS
- * C. VOR and ILS
- D. VOR, NDB, and GPS

Correct C
Explanation: N/A
Reference SY112 SG pg 12-6
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

47 **Question** Question 097 **Type:** MC **Objective** **Item** T-6B SYS1

In the cockpit, the transponder is integrated into the _____.

- * A. Up Front Control Panel (UFCP)
- B. transponder control panel
- C. VORTAC receiver
- D. radar control panel

Correct A

Explanation: N/A

Reference SY112 SG pg 12-46

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

48 **Question** Question 098 **Type:** MC **Objective** **Item** T-6B SYS1

What does the yellow TA symbol on the NAV display and the flashing TFC message on the PFD indicate?

- * A. They denote traffic considered a collision danger based on range and bearing trends, and you need to actively be doing something to see and avoid traffic.
- B. They indicate no threat traffic and are displayed as advisory only.
- C. They denote traffic is 400 to 900 feet above your present altitude.
- D. They denote traffic within plus or minus 300 feet of aircraft altitude.

Correct A

Explanation: N/A

Reference SY112 SG pg 12-39

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - B

49 **Question** Question 099 **Type:** MC **Objective** **Item** T-6B SYS1

Flight Management System (FMS) data and management functions are controlled using the _____.

- A. MFD FMS pages and Primary Flight Display (PFD) prompts
- B. Head-Up Display (HUD) and UFCP
- * C. Up Front Control Panel (UFCP) and Multifunction Display (MFD) FMS pages
- D. MFD FMS pages and HUD

Correct C

Explanation: N/A

Reference SY114 SG pg 14-18

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

50 **Question** Question 100 **Type:** MC **Objective** **Item** T-6B SYS1

The Flight Management System (FMS) determines aircraft position by combining data from _____.

- A. Global Positioning System (GPS), VHF Navigation (VOR), and Distance Measuring Equipment (DME)
- * B. GPS, Inertial Reference System (IRS), and Air Data Computer (ADC) true airspeed and altitude
- C. GPS, IRS, and magnetic sensor in the right wing
- D. GPS, IRS, and VOR

Correct B

Explanation: N/A

Reference SY114 SG pg 14-10

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

Exam T-6B SYS1
Bank Name: Sys1 - C

1 Question Question 101 Type: MC Objective Item T-6B SYS1

Primary flight controls control aircraft movement about the pitch, yaw, and _____ axes.

- A. thrust
- B. climb
- * C. roll
- D. vertical

Correct C
Explanation: N/A
Reference SY103 SG pg 3-5
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

2 Question Question 102 Type: MC Objective Item T-6B SYS1

What component of the elevator system provides an interconnection between the control sticks to prevent conflicting inputs?

- A. Flight control tab
- B. Downsprings
- C. Bellcrank
- * D. Interconnect tube

Correct D
Explanation: N/A
Reference SY103 SG pg 3-11
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

3 Question Question 103 Type: MC Objective Item T-6B SYS1

Which of the following is NOT a primary flight control component?

- A. Elevator
- B. Rudder
- * C. Trim Aid Device (TAD)
- D. Ailerons

Correct C

Explanation: N/A

Reference SY103 SG pg 3-6

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

4 Question Question 104 Type: MC Objective Item T-6B SYS1

The purpose of the elevator bobweight is to _____.

- * A. enhance control feedback and help prevent overstressing of the airframe
- B. provide a balanced control feel
- C. aerodynamically balance the elevator
- D. assist the trim aid device (TAD)

Correct A

Explanation: N/A

Reference SY103 SG pg 3-11

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

5 Question Question 105 Type: MC Objective Item T-6B SYS1

Which of the following is NOT true concerning the ground adjustable trim tabs?

- * A. Tabs can be used as a backup trim system in flight.
- B. Tabs are located on each aileron.
- C. Tabs are adjusted by maintenance personnel.
- D. Tabs adjust for stick neutral trim input to controls.

Correct A

Explanation: N/A

Reference SY103 SG pg 3-9

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

6 Question Question 106 Type: MC Objective Item T-6B SYS1

When the pilot applies pressure to the left rudder pedal, the trailing edge of the rudder moves _____ and the nose of the aircraft moves _____.

- O A. right; left
- R B. right; right
- D * C. left; left
- E D. left; right

Correct C

Explanation: N/A

Reference SY103 SG pg 3-15

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

7 **Question** Question 107 **Type:** MC **Objective** **Item** T-6B SYS1

Where is the rudder trim switch located?

- A. On the control stick
- B. On the trim control panel
- C. On the power control lever in the aft cockpit only
- * D. On the power control lever in each cockpit

Correct D
Explanation: N/A
Reference SY103 SG pg 3-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

8 **Question** Question 108 **Type:** MC **Objective** **Item** T-6B SYS1

In the event of conflicting pilot aileron/elevator trim inputs, which cockpit trim switch has priority?

- A. The front cockpit
- B. Neither cockpit. The trim system will not work in the case of simultaneous inputs.
- * C. The rear cockpit.
- D. The switch that is depressed first has priority.

Correct C
Explanation: N/A
Reference SY103 SG pg 3-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

9 Question Question 109 Type: MC Objective Item T-6B SYS1

The TAD system assists the pilot in maintaining proper trim through deflections of the _____.

- A. aileron trim tab
- B. elevator trim tab
- * C. rudder trim tab
- D. control stick

Correct C
Explanation: N/A
Reference SY103 SG pg 3-23
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

10 Question Question 110 Type: MC Objective Item T-6B SYS1

What happens to the trim aid switch when the trim interrupt button is pressed?

- A. Nothing.
- B. It will reset after running a self-test.
- C. It remains in the TRIM AID position until it is reset.
- * D. Power to the system is interrupted and the electromagnetic switch automatically moves to the OFF position.

Correct D
Explanation: N/A
Reference SY103 SG pg 3-26
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

11 Question Question 111 Type: MC Objective Item T-6B SYS1

What kind of primary hydraulic system does the T-6B use?

- A. An air pressurized system charged to 1800 ±150 psi
- * B. An engine-driven, fluid pressurized system charged to 3000 ±120 psi
- C. An electrically operated system charged to 2400 ±50 psi
- D. An electrically operated, hydraulically controlled system charged to 3500 ±225 psi

Correct B
Explanation: N/A
Reference SY104 SG pg 4-5
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

12 Question Question 112 Type: MC Objective Item T-6B SYS1

The hydraulic system operates the _____.

- ☐ A. landing gear and main landing gear doors, flaps, speed brake, and trim aid device
- ☐ B. landing gear and main landing gear doors, flaps, nose wheel steering, and trim aid device
- * ☐ C. landing gear and main landing gear inboard doors, flaps, nose wheel steering, and speed brake
- ☐ D. landing gear and main landing gear doors, flaps, speed brake, and wheel brakes

Correct C
Explanation: N/A
Reference SY104 SG pg 4-7
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

13 **Question** Question 113 **Type:** MC **Objective** **Item** T-6B SYS1

The emergency hydraulic system ____ to ensure gear and flap extension in case of primary system failure.

- A. simply pressurizes the primary power package
- B. ties into the primary system hydraulic lines
- C. uses an independent boost pump
- * D. uses separate and independent hydraulic lines

Correct D
Explanation: N/A
Reference SY104 SG pg 4-21
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

14 **Question** Question 114 **Type:** MC **Objective** **Item** T-6B SYS1

Which is true regarding operation of the speed brake using the emergency system?

- A. There is only partial deployment of the speed brake.
- * B. The speed brake is not operated using the emergency system.
- C. Once extended, the speed brake cannot be retracted.
- D. There must be at least 2000 psi available.

Correct B
Explanation: N/A
Reference SY104 SG pg 4-19
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

15 **Question** Question 115 **Type:** MC **Objective** **Item** T-6B SYS1

- The main landing gear outboard doors _____.
A. must reopen before the gear can be retracted
B. operate independently of the main gear struts
* C. are mechanically operated
D. are hydraulically operated by the landing gear struts

Correct C
Explanation: N/A
Reference SY104 SG pg 4-28
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

16 **Question** Question 116 **Type:** MC **Objective** **Item** T-6B SYS1

- Before lowering the gear using either the primary or emergency system, _____.
A. ensure your airspeed is below 120 KIAS
B. ensure your flaps are retracted
C. ensure the flap handle is in the LAND position
* D. ensure your airspeed is below 150 KIAS

Correct D
Explanation: N/A
Reference SY104 SG pg 4-41
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

17 Question Question 117 Type: MC Objective Item T-6B SYS1

The red lights on the landing gear indicator panel can indicate which of the following conditions?

- * A. main gear inboard doors are not closed
- B. nose gear doors are in transit
- C. main gear is extended
- D. main and nose gear are extended

Correct A
Explanation: N/A
Reference SY104 SG pg 4-33
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

18 Question Question 118 Type: MC Objective Item T-6B SYS1

The normal indication that the gear and doors are fully retracted is _____.

- A. three green lights
- B. three green lights and no red lights
- C. only the main gear door lights are illuminated
- * D. no lights illuminated

Correct D
Explanation: N/A
Reference SY104 SG pg 4-35
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

19 **Question** Question 119 **Type:** MC **Objective** **Item** T-6B SYS1

The device responsible for activating the emergency hydraulic package's selector valve is the _____.

- * A. landing gear emergency extension handle
- B. 3500 psi pressure release valve
- C. emergency accumulator
- D. helium pre-charge

Correct A
Explanation: N/A
Reference SY104 SG pg 4-42
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

20 **Question** Question 120 **Type:** MC **Objective** **Item** T-6B SYS1

When using the emergency system, _____.

- A. the speed brake will extend but not retract
- * B. the landing gear selector handle will remain illuminated after the gear is extended
- C. all the landing gear position indicators will remain red after the gear is extended
- D. the main gear doors will remain in the retracted position after the gear is extended

Correct B
Explanation: N/A
Reference SY104 SG pg 4-43
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

21 **Question** Question 121 **Type:** MC **Objective** **Item** T-6B SYS1

The pilot extends the speed brake by _____.

- A. moving the speed brake switch located on the PCL to the forward position
- B. pushing the speed brake indicator light on the instrument panel to the IN position
- C. moving the speed brake switch located on the control stick to the down position
- * D. moving the speed brake switch located on the PCL to the aft position

Correct D
Explanation: N/A
Reference SY105 SG pg 5-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

22 **Question** Question 122 **Type:** MC **Objective** **Item** T-6B SYS1

Which method(s) are used to steer the aircraft on the ground?

- A. Rudder and/or differential braking only
- B. Nose wheel steering only
- * C. Nose wheel steering, differential braking, and rudder
- D. Nose wheel steering and differential thrust

Correct C
Explanation: N/A
Reference
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

23 **Question** Question 123 **Type:** MC **Objective** **Item** T-6B SYS1

The flaps are operated using _____.

- A. a spring-loaded two-position switch located on the left instrument panel
- * B. a three-position switch on the PCL quadrant
- C. two-position switch on the PCL quadrant
- D. a spring-loaded three-position on the left instrument panel

Correct B

Explanation: N/A

Reference SY105 SG pg 5-7

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

24 **Question** Question 124 **Type:** MC **Objective** **Item** T-6B SYS1

In normal operation, T-6B flaps are _____ controlled and _____ operated.

- A. mechanically; electrically
- * B. electrically; hydraulically
- C. mechanically; hydraulically
- D. electrically; electrically

Correct B

Explanation: N/A

Reference SY105 SG pg 5-6

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

25 **Question** Question 125 **Type:** MC **Objective** **Item** T-6B SYS1

What is the primary purpose of the wheel brakes?

- A. Turn the aircraft on the ground
- B. Stop wheel rotation after takeoff prior to retracting the landing gear
- * C. Slow down and/or stop the aircraft on the ground
- D. Assist the nose wheel steering to turn the aircraft on the ground

Correct C
Explanation: N/A
Reference SY105 SG pg 5-22
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

26 **Question** Question 126 **Type:** MC **Objective** **Item** T-6B SYS1

The UHF radio operates in one of three active modes, set using the UFCP. They include _____.

- A. Mode A, mode C, mode S
- B. Preset, manual, automatic
- C. Transmit, receive, monitor Guard
- * D. Transmit/receive and monitor Guard, Transmit/receive, Guard

Correct D
Explanation: N/A
Reference SY107 SG pg 7-24
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

27 **Question** Question 127 **Type:** MC **Objective** **Item** T-6B SYS1

The UFCP is the primary means of system control functions including _____.

- ☐ A. communication and navigation radio selection and tuning
- ☐ B. navigation waypoint entry
- ☐ C. execution of pre-planned waypoints and flight plans
- ☒ * D. all of the above

Correct D

Explanation: N/A

Reference SY107 SG pg 7-6

Keywords:

Points: 1.00

Penalty: 0.00

Score

Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

28 **Question** Question 128 **Type:** MC **Objective** **Item** T-6B SYS1

Invalid frequency data in the UFCP is indicated by what symbol?

- ☐ A. Left-facing chevron
- ☒ * B. Asterisk
- ☐ C. Left-facing filled triangle
- ☐ D. Right-facing chevron

Correct B

Explanation: N/A

Reference SY107 SG pg 7-17

Keywords:

Points: 1.00

Penalty: 0.00

Score

Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

29 **Question** Question 129 **Type:** MC **Objective** **Item** T-6B SYS1

The UFCP persistent display is the _____ presentation and displays after _____ seconds of inactivity.

- * A. default; 20
- B. primary; 10
- C. basic; 10
- D. advanced; 20

Correct A
Explanation: N/A
Reference SY107 SG pg 7-17
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

30 **Question** Question 130 **Type:** MC **Objective** **Item** T-6B SYS1

A filled circle (left justified) in a UFCP data display window indicates the window _____.

- A. is active for data entry
- B. is inactive for data entry
- * C. has a press and hold function
- D. has toggle capability for two or more options

Correct C
Explanation: N/A
Reference SY107 SG pg 7-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

31 **Question** Question 131 **Type:** MC **Objective** **Item** T-6B SYS1

Primary displays for basic flight instruments, navigation data, engine indications, and aircraft system advisories are on the _____ located in each cockpit.

- A. HUDs
- B. UFCPs
- * C. MFDs
- D. BFIs

Correct C
Explanation: N/A
Reference SY108 SG pg 8-15
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

32 **Question** Question 132 **Type:** MC **Objective** **Item** T-6B SYS1

The top half of the PFD consists of _____.

- A. aircraft and engine system information and CAS messages
- B. a compass rose or arc that includes a map, glidescope or lateral deviation indicators, and active FMS waypoint information
- * C. the attitude indicator, AOA, airspeed, altitude, and vertical speed indicators
- D. the horizontal situation indicator and provides primary heading, navigation display, course selection, indication, NAV source, localizer deviation, and selected heading bug

Correct C
Explanation: N/A
Reference SY108 SG pg 8-29
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

33 **Question** Question 133 **Type:** MC **Objective** **Item** T-6B SYS1

The backup flight instruments display airspeed, altitude, vertical velocity, heading, and ____.

- A. basic engine data
- * B. attitude
- C. angle of attack
- D. acceleration

Correct B
Explanation: N/A
Reference SY108 SG pg 8-52
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

34 **Question** Question 134 **Type:** MC **Objective** **Item** T-6B SYS1

The BFIs provide backup flight instrument indications in the event of failure of the electronic flight instrument system or the aircraft electrical systems. The BFIs are normally powered by the ____.

- A. generator bus
- * B. battery bus
- C. generator control switches
- D. auxillary battery

Correct B
Explanation: N/A
Reference SY108 SG pg 8-53
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

35 **Question** Question 135 **Type:** MC **Objective** **Item** T-6B SYS1

The altimeter provides a display of _____.

- A. non-corrected altitude
- B. mean sea level and above ground level altitudes
- * C. baro-corrected altitude
- D. calibrated altitude

Correct C

Explanation: N/A

Reference SY108 SG pg 8-34

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

36 **Question** Question 136 **Type:** MC **Objective** **Item** T-6B SYS1

_____ are located under the lip of the glareshield in each cockpit.

- A. Aural warning tone audio amplifiers
- B. System/lamp test switches
- * C. MASTER WARN and MASTER CAUT switchlights
- D. Main annunciator panels

Correct C

Explanation: N/A

Reference SY109 SG pg 9-15

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

37 **Question** Question 137 **Type:** MC **Objective** **Item** T-6B SYS1

When a red CAS warning message appears, it triggers the ____ in both cockpits.

- A. MASTER CAUT and MASTER WARN switchlights and aural warning
- B. MASTER WARN switchlights
- C. MASTER CAUT and MASTER WARN switchlights
- * D. MASTER WARN switchlights and aural warning

Correct D
Explanation: N/A
Reference SY109 SG pg 9-13
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

38 **Question** Question 138 **Type:** MC **Objective** **Item** T-6B SYS1

System caution messages are displayed ____ on the CAS.

- A. green
- B. red
- C. blue
- * D. amber (yellow)

Correct D
Explanation: N/A
Reference SY109 SG pg 9-12
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

39 **Question** Question 139 **Type:** MC **Objective** **Item** T-6B SYS1

Which of the following is a function of the green IDARS recorder/maintenance annunciator?

- A. provides for download of IDARS data
- * B. indicates IDARS memory is approximately 80% full
- C. provides interface between IDARS and DTM
- D. stores BIT data in system memory

Correct B
Explanation: N/A
Reference SY109 SG pg 9-43
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

40 **Question** Question 140 **Type:** MC **Objective** **Item** T-6B SYS1

When the AOA test switch is set to the _____ position, the AOA indexer amber donut is activated, the indexer red chevrons are deactivated, and the AOA gauge is set to the 10.5 plus or minus 0.4 position.

- A. TEST
- B. OFF
- * C. LO
- D. HI

Correct C
Explanation: N/A
Reference SY109 SG pg 9-26
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

41 **Question** Question 141 **Type:** MC **Objective** **Item** T-6B SYS1

The UHF radio provides _____.

- A. transponder and air-to-ground communication
- * B. air-to-air and air-to-ground communication
- C. inter-cockpit, air-to-air, and air-to-ground communication
- D. navigation signals and air-to-air communication

Correct B

Explanation: N/A

Reference SY111 SG pg 11-5

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score Active
Date

42 **Question** Question 142 **Type:** MC **Objective** **Item** T-6B SYS1

To transmit over the VHF radio, _____.

- A. push up on the UHF/VHF key on the PCL
- * B. push down on the UHF/VHF key on the PCL
- C. push the UHF field select key on the RMU
- D. push the UHF knob on the audio control panel

Correct B

Explanation: N/A

Reference SY111 SG pg 11-7

Keywords:

Points: 1.00

Date Created: 02/10/12

Difficulty: N/A

Discriminatio N/A

Penalty: 0.00

Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

43 **Question** Question 143 **Type:** MC **Objective** **Item** T-6B SYS1

The audio control panel is located on the _____.

- A. front lower panel in the front cockpit only
- B. side console panel in the front cockpit only
- C. side console panel in each cockpit
- * D. front lower panel in each cockpit

Correct D
Explanation: N/A
Reference SY111 SG pg 11-18
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

44 **Question** Question 144 **Type:** MC **Objective** **Item** T-6B SYS1

To increase the UHF radio volume, _____.

- O A. push out and rotate the COM2 knob on the audio control panel counterclockwise
- R
- D * B. push out and rotate the COM1 knob on the audio control panel clockwise
- E C. push out and rotate the COM2 knob on the audio control panel clockwise
- D. push out and rotate the COM1 knob on the audio control panel counterclockwise

Correct B
Explanation: N/A
Reference SY111 SG pg 11-19
Keywords:
Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

45 **Question** Question 145 **Type:** MC **Objective** **Item** T-6B SYS1

The ground crew interphone system is powered ____.

- * A. when the battery switch is activated in either cockpit
- B. when the aircraft is started
- C. when the INTPH switch is placed in the ON position
- D. whenever ground power is supplied to the airplane

Correct A

Explanation: N/A

Reference SY111 SG pg 11-17

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

46 **Question** Question 146 **Type:** MC **Objective** **Item** T-6B SYS1

In the T-6B, both pilots have the capability to navigate via ____ and to fly ____ approaches.

- A. TACAN; TACAN or ILS
- B. ILS; VOR or ILS
- * C. VOR; VOR or ILS
- D. DME; VOR or TACAN

Correct C

Explanation: N/A

Reference SY112 SG pg 12-12

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

47 **Question** Question 147 **Type:** MC **Objective** **Item** T-6B SYS1

In the cockpit, the transponder is integrated into the _____.

- A. transponder control panel
- * B. Up Front Control Panel (UFCP)
- C. VORTAC receiver
- D. radar control panel

Correct B

Explanation: N/A

Reference SY112 SG pg 12-46

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

48 **Question** Question 148 **Type:** MC **Objective** **Item** T-6B SYS1

TCAS provides _____.

- A. traffic advisories of all aircraft at variable ranges from the T-6B
- * B. traffic advisories of all operable transponder equipped aircraft at variable ranges from the T-6B
- C. a distinct pattern on an air traffic controller's scope to assist in aircraft identification
- D. highly accurate three-dimensional position, speed, and time information

Correct B

Explanation: N/A

Reference SY112 SG pg 12-39

Keywords:

Points: 1.00
Date Created: 02/10/12
Difficulty: N/A
Discriminatio N/A

Penalty: 0.00
Date Modified:

Score Active
Date

Exam T-6B SYS1
Bank Name: Sys1 - C

49 Question Question 149 Type: MC Objective Item T-6B SYS1

Flight Management System (FMS) data and management functions are controlled using the _____.

- A. MFD FMS pages and Primary Flight Display (PFD) prompts
- * B. Up Front Control Panel (UFCP) and Multifunction Display (MFD) FMS pages
- C. Head-Up Display (HUD) and UFCP
- D. MFD FMS pages and HUD

Correct B

Explanation: N/A

Reference SY114 SG pg 14-18

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A

50 Question Question 150 Type: MC Objective Item T-6B SYS1

The Flight Management System (FMS) determines aircraft position by combining data from _____.

- A. Global Positioning System (GPS), VHF Navigation (VOR), and Distance Measuring Equipment (DME)
- B. GPS, IRS, and the magnetic sensor in the right wing
- * C. GPS, Inertial Reference System (IRS), and Air Data Computer (ADC) true airspeed and altitude
- D. GPS, IRS, and VOR

Correct C

Explanation: N/A

Reference SY114 SG pg 14-10

Keywords:

Points: 1.00

Penalty: 0.00

Score Active

Date Created: 02/10/12

Date Modified:

Date

Difficulty: N/A

Discriminatio N/A