Name_	
MULTIPLE CHOICE.	Choose the one alter

) The HV battery is normally kept at a state of charge (SOC) target of percent. A) 80 B) 20 C) 100	1) _
D) 60	
) How are the high voltage batteries cooled in an HEV?	2) _
A) Ice packs	
B) By circulating cabin air	
C) By forced air from under the vehicle	
D) By opening a folding roof flap	
) Which battery type is NOT being used in hybrid or electric vehicles?	3) _
A) Zinc air	
B) Sodium sulfur	
C) Sodium-metal-chloride (ZEBRA) D) All of the above	
D) Thi of the above	
1) The high voltage battery disconnect should be pulled out before refueling an HEV.	4) _
A) True	
B) False	
5) Normal operating state-of-charge (SOC) range for most hybrid electric vehicles is	5)
A) 15% to 95%	´ -
B) 23% to 83%	
C) 46% to 56%	
D) 52% to 68%	
) What type of battery uses two different electrolytes?	6)
A) Sodium-metal-chloride (ZEBRA)	´ -
B) Potassium phosphate	
C) NiCD	
D) Lead-acid	
') Technician A says the nominal voltage for ONE lithium-ion cell is 1.2 volts. Technician B says the	7)
nominal voltage for ONE NiMH battery cell is 2.1 volts. Which technician is correct?	· —
A) Technician A only	
B) Technician B only	
C) Both technicians	
D) Neither technician	

8) Technician A says that NiMH batteries are an alkaline design. Technician B says that	8)
high-voltage battery packs are constructed using NiMH cells connected in parallel. Which	
technician is correct?	
A) Technician A only	
B) Technician B only	
C) Both technicians	
D) Neither technician	
9) When working around high-voltage batteries, what precautions should be adhered to?	9)
A) Do not work on the vehicle if moisture is present on the skin or anywhere on or near the vehicle.	
B) Be sure to disconnect the HV battery and allow enough time for system capacitors to discharge before proceeding.	
C) ALWAYS refer to the service manual for approved safety procedures when handling he HV battery pack.	
D) All of the above.	
10) The electrolyte in a nickel lithium-ion battery is	10)
A) H2SO4	
B) potassium hydroxide	
C) nickel cadmium	
D) organic solvent	

Answer Key

Testname: AT6_92B

1) D

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2) B

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3) D

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4) B

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5) D

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6) A

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7) D

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8) A

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9) D

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10) D

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