Vendor: Cisco

Exam Code: 644-906

Exam Name: Implementing and Maintaining Cisco Technologies Using IOS XR - (IMTXR)

Version: DEMO

QUESTION 1
Refer to the show environmental power-supply command output exhibit. How much power is the system currently using?

```
R/S/I   Modules          Capacity        Status
                         (W)
0/PM0/*
        host     PM      3000            Ok

0/PM1/*
        host     PM      3000            Ok

0/PM2/*
        host     PM      0               Unpowered


R/S/I   Power Draw       Voltage         Current
        (W)              (V)             (A)
0/PM0/* 270.5            54.1            5.0
0/PM1/* 392.5            54.5            7.2
0/PM2/* 0.0              0.0             0.0
--------------
Total:  663.0

Power Budget Summary for Rack 0
-------------------------------


Power Shelves Type: AC
Total Power Capacity:                          6000W
Usable Power Capacity:                         6000W
Supply Failure Protected Capacity:             3000W
Worst Case Power Used:                         1850W
Slot                                                    Max Watts
----                                                    ---------
0/RSP0/CPU0                                                   235
0/RSP1/CPU0                                                   235(default)
0/2/CPU0                                                      630
0/FT0/SP                                                      375
0/FT1/SP                                                      375

Worst Case Power Available:            4150W
Supply Protected Capacity Available:   1150W
```

A. 663 W
B. 1150 W
C. 1850 W
D. 6000 W

Answer: A

QUESTION 2
Refer to the show environmental power-supply command output exhibit. How many additional line cards of the same type that are currently in the system can you safely install and remain redundant in the worse power usage if there is a power supply failure?

```
R/S/I   Modules          Capacity        Status
                         (W)
0/PM0/*
        host     PM      3000            Ok

0/PM1/*
        host     PM      3000            Ok

0/PM2/*
        host     PM      0               Unpowered


R/S/I   Power Draw       Voltage         Current
        (W)              (V)             (A)
0/PM0/* 270.5            54.1            5.0
0/PM1/* 392.5            54.5            7.2
0/PM2/* 0.0              0.0             0.0
--------------
Total:  663.0

Power Budget Summary for Rack 0
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Power Shelves Type: AC
Total Power Capacity:                          6000W
Usable Power Capacity:                         6000W
Supply Failure Protected Capacity:             3000W
Worst Case Power Used:                         1850W
Slot                                                    Max Watts
----                                                    ---------
0/RSP0/CPU0                                                   235
0/RSP1/CPU0                                                   235(default)
0/2/CPU0                                                      630
0/FT0/SP                                                      375
0/FT1/SP                                                      375

Worst Case Power Available:                    4150W
Supply Protected Capacity Available:           1150W
```

A. 1
B. 2
C. 3
D. 4
E. 5

Answer: A

QUESTION 3
What is the maximum long-term normal operating temperature of the Cisco CRS-1, ASR 9000 Series Routers, and XR 12000 Series Routers?

A. 40C (104F)
B. 50C (122F)
C. 55C (131F)
D. 65C (149F)

Answer: A

QUESTION 4
The Cisco CRS 16-Slot Line Card Chassis Site Planning Guide suggests having 48 inches of clearance behind the chassis. What would definitely happen to the system if there were only 28 inches of clearance behind the Cisco CRS 16-Slot Line Card Chassis?

A. The system would overheat due to inadequate airflow.
B. The fabric card could not be exchanged if one failed.
C. The modular services card (MSC) could not be exchanged if one failed.
D. The fan tray could not be exchanged if one failed.

Answer: D

QUESTION 5
How many planes are there in the Cisco CRS-3 switch fabric?

A. 1
B. 3
C. 7
D. 8

Answer: D

QUESTION 6
What is the cell size of the cells that traverse the switch fabric on the Cisco CRS-3?

A. 128 bytes
B. 136 bytes
C. 144 bytes
D. 200 bytes

E. 288 bytes

Answer: B

QUESTION 7
Where are client interfaces terminated on the Cisco CRS-3?

A. the modular services card
B. the physical layer interface module(s)
C. the switch fabric interface terminator
D. the Service Processor 40
E. the Service Processor 140

Answer: B

QUESTION 8
In order to determine the hardware and firmware revision of a linecard, what is the correct command that should be invoked?

A. RP/0/RP0/CPU0:CRS-MC#show version
B. RP/0/RP0/CPU0:CRS-MC#show platform
C. RP/0/RP0/CPU0:CRS-MC(admin)#show platform
D. RP/0/RP0/CPU0:CRS-MC#show diagnostic summary
E. RP/0/RP0/CPU0:CRS-MC(admin)#show diag details

Answer: E

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