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# **Q&A**

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**Exam** : **642-321**

**Title** : Cisco Optical SDH Exam  
(SDH)

**Version** : DEMO

**1.Which timing mode is most appropriate for an ONS 15454 that has lost its BITS-1 and optical references?**

- A.line timing
- B.loop timing
- C.internal timing
- D.through timing
- E.external timing

**Correct:C**

**2.With R4.0, how many total DCC-R tunnel connections can each ONS 15454 support using the TCC+ card?**

- A.10
- B.32
- C.64
- D.84
- E.96

**Correct:B**

**3.What is the difference between 1+1 and 1:1 protection switching?**

- A.1+1 is based on APS, while 1:1 is based on IPS.
- B.1:1 is used in SNCP switching, while 1+1 is used in MS-SPRing switching.
- C.1+1 sends signals on Working and Protect paths, while 1:1 sends signals only on Working path.
- D.1+1 sends signals on Working path ONLY, while 1:1 sends signals on both Working and Protect paths.

**Correct:C**

**4.You are provisioning an E-1 circuit on an ONS 15454 MS-SPRing configuration and XC-VXL-10G card. Each VC-12 connection must also terminate via the VC-3 matrix. How many VC-3 ports remain after this circuit is created, assuming no other circuits?**

- A.92
- B.93
- C.94
- D.95
- E.96

**Correct:C**

**5.Click the Task button. Place the steps for removing a node from an existing MS-SPRing ring in the proper order.**

Place the steps for removing a node from an existing MS-SPRing ring in the proper order.

Order	Steps in Order	Steps
1	(place step one here)	reroute optical fibers
2	(place step two here)	delete existing circuits
3	(place step three here)	clear protection switching
4	(place step four here)	update the CTC ring map
5	(place step five here)	reroute traffic using protection switching

Correct:

Green choice2---->Yellow Choice1

Green choice5---->Yellow Choice2

Green choice1---->Yellow Choice3

Green choice4---->Yellow Choice4

Green choice3---->Yellow Choice5