

# DUMPS ARENA

## Nokia Advanced Optical Network Design

Nokia 4A0-255

Version Demo

Total Demo Questions: 5

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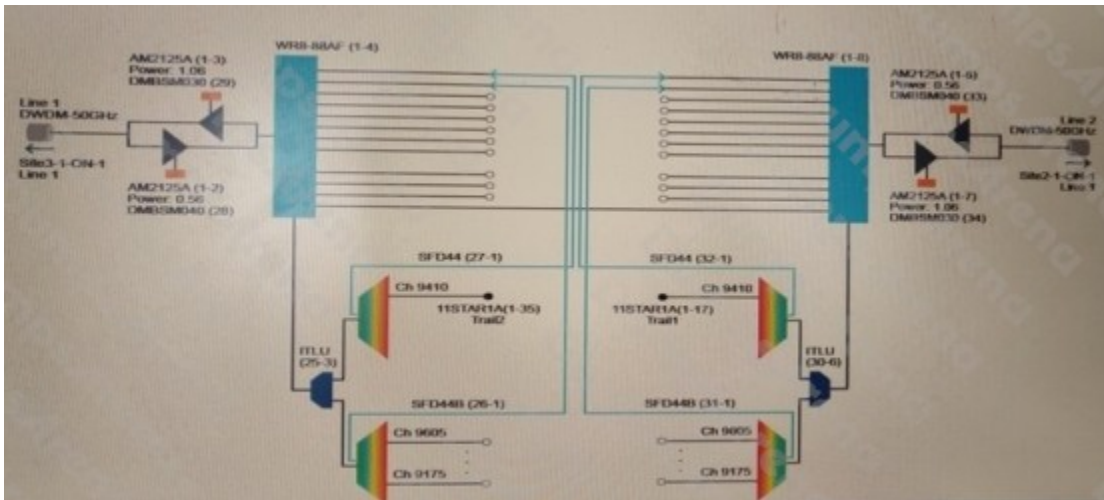
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**QUESTION NO: 1**

Consider the exhibit showing the schematic for an NE in a deployed optical network. The traffic growth forecast is for the use of 40 channels in 3 years. The customer needs to reduce the space for the shelf. Among the following, which additional input is NOT necessary to meet these specific requirements?



- A. Rack size
- B. Expected traffic added-dropped at the site
- C. Mean time to repair for the equipment
- D. Power supply

**ANSWER: D**

**QUESTION NO: 2**

Consider the exhibit that shows the OTN frame structure . Which of the following sets of label is correct?



- A. OUT: B: ODU: C: OPU: D: OPU
- B. OUT: B: ODU: C: OPU: D: OCH
- C. OPU: B: OTU: C: ODU: D: OPU
- D. ODU: B: OYU: C: OPU: D: OPU

**ANSWER: C**

### QUESTION NO: 3

Suppose there is a 40 Gbit/s signal which has a symbol rate of Gbaud/s. Which modulation format is being used?

- A. QPSK
- B. BPSK
- C. 4QAM
- D. DP-QPSK

**ANSWER: C**

### QUESTION NO: 4

Suppose that for a given number of buffer credits and for an given average FC frame size, the maximum FC link length is 50 km.

If the average FC frame size is doubled, which of the following is correct?

- A. The throughput is halved.
- B. Throughput is doubled.
- C. The Throughput is the same,.
- D. The buffer credits need to be adjusted to achieve the maximum throughput.

**ANSWER: D**

### QUESTION NO: 5

Which of the following statements about Raman amplification is FALSE?

- A. Amplification occurs along the fiber
- B. Chromatic dispersion within the fiber is increased.
- C. Flat gain can be achieved in any transmission band.
- D. OSNR is improved compared to EDFAs permitting longer spans

**ANSWER: D**