**CH1 Introduction**

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| --- | --- | --- | --- | --- |
| **1** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ is the physical path over which a message travels. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Protocol | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Medium | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Signal | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | All the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **2** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The information to be communicated in a data communications system is the \_\_\_\_\_\_\_. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Medium | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Protocol | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Message | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Transmission | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **3** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Frequency of failure and network recovery time after a failure are measures of the \_\_\_\_\_\_\_ of a network. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | Performance | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Reliability | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Security | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Feasibility | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **4** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | An unauthorized user is a network \_\_\_\_\_\_\_ issue. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Performance | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Reliability | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Security | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | All the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **5** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Which topology requires a central controller or hub? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Mesh | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Star | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Bus | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Ring | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **6** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Which topology requires a multipoint connection? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | Mesh | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Star | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Bus | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Ring | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **7** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Communication between a computer and a keyboard involves \_\_\_\_\_\_\_\_\_\_\_\_\_\_ transmission. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | simplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | half-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | full-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | automatic | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **8** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | A television broadcast is an example of \_\_\_\_\_\_\_ transmission. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | simplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | half-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | full-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | automatic | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **9** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | A \_\_\_\_\_\_\_ connection provides a dedicated link between two devices. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | point-to-point | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | multipoint | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | primary | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | secondary | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **10** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In a \_\_\_\_\_\_\_ connection, more than two devices can share a single link. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | point-to-point | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | multipoint | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | primary | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | secondary | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **11** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In \_\_\_\_\_\_\_ transmission, the channel capacity is shared by both communicating devices at all times. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | simplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | half-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | full-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | half-simplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **12** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In the original ARPANET, \_\_\_\_\_\_\_ were directly connected together. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | IMPs | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | host computers | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | networks | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | routers | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **13** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | This was the first network. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | CSNET | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | NSFNET | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | ANSNET | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | ARPANET | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **14** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Which organization has authority over interstate and international commerce in the communications field? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | ITU-T | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | IEEE | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | FCC | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | ISOC | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **15** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_ are special-interest groups that quickly test, evaluate, and standardize new technologies. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | Forums | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Regulatory agencies | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Standards organizations | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | All of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **16** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Which agency developed standards for physical connection interfaces and electronic signaling specifications? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | EIA | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | ITU-T | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | ANSI | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | ISO | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **17** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_ is the protocol suite for the current Internet. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | TCP/IP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | NCP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | UNIX | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | ACM | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **18** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_ refers to the structure or format of the data, meaning the order in which they are presented. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | Semantics | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Syntax | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Timing | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | All of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **19** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_\_ defines how a particular pattern to be interpreted, and what action is to be taken based on that interpretation. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Semantics | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Syntax | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Timing | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **20** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_ refers to two characteristics: when data should be sent and how fast it can be sent. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Semantics | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Syntax | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Timing | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **21** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Data flow between two devices can occur in a \_\_\_\_\_\_\_ way. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | simplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | half-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | full-duplex | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | all of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **22** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In a \_\_\_\_\_\_ connection, two and only two devices are connected by a dedicated link. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | multipoint | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | point-to-point | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | (a) and (b) | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **23** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In a \_\_\_\_\_\_\_\_ connection, three or more devices share a link. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | multipoint | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | point-to-point | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | (a) and (b) | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **24** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_ refers to the physical or logical arrangement of a network. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Data flow | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Mode of operation | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Topology | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **25** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Devices may be arranged in a \_\_\_\_\_ topology. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | mesh | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | ring | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | bus | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | all of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **26** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | A \_\_\_\_\_\_\_ is a data communication system within a building, plant, or campus, or between nearby buildings. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | MAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | LAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | WAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **27** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | A \_\_\_\_\_\_ is a data communication system spanning states, countries, or the whole world. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | MAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | LAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | WAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **28** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_\_ is a collection of many separate networks. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | A WAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | An internet | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | a LAN | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **29** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | There are \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Internet service providers. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | local | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | regional | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | national and international | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | all of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **30** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | A \_\_\_\_\_\_\_\_ is a set of rules that governs data communication. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | forum | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | protocol | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | standard | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **31** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_\_ is an idea or concept that is a precursor to an Internet standard. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | RCF | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | RFC | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | ID | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |

**CH 2 Network Models**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The Internet model consists of \_\_\_\_\_\_\_ layers. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Three | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Five | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Seven | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Eight | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **2** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The process-to-process delivery of the entire message is the responsibility of the \_\_\_\_\_\_\_ layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Application | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **3** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer is the layer closest to the transmission medium. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **4** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Mail services are available to network users through the \_\_\_\_\_\_\_ layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | Application | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **5** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | As the data packet moves from the upper to the lower layers, headers are \_\_\_\_\_\_\_. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Added | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Removed | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Rearranged | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | Modified | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **6** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer lies between the network layer and the application layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **7** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Layer 2 lies between the physical layer and the \_\_\_\_\_\_\_ layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | Network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **8** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | When data are transmitted from device A to device B, the header from A's layer 4 is read by B's \_\_\_\_\_\_\_ layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Application | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **9** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer changes bits into electromagnetic signals. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | Physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | Data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **10** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Which of the following is an application layer service? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Remote log-in | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | File transfer and access | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | Mail service | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | All the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **11** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Why was the OSI model developed? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | Manufacturers disliked the TCP/IP protocol suite. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | The rate of data transfer was increasing exponentially | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | Standards were needed to allow any two systems to communicate | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | None of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **12** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ model shows how the network functions of a computer ought to be organized. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | CCITT | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | OSI | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | ISO | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | ANSI | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **13** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The physical layer is concerned with the movement of \_\_\_\_\_\_\_ over the physical medium. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | programs | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | dialogs | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | protocols | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | bits | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **14** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The OSI model consists of \_\_\_\_\_\_\_ layers. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | three | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | five | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | seven | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | eight | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **15** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In the OSI model, as a data packet moves from the lower to the upper layers, headers are \_\_\_\_\_\_\_. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | added | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | removed | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | rearranged | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | modified | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **16** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In the OSI model, when data is transmitted from device A to device B, the header from A's layer 5 is read by B's \_\_\_\_\_\_\_ layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | session | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | presentation | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **17** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In the OSI model, what is the main function of the transport layer? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | node-to-node delivery | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | process-to-process message delivery | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | synchronization | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | updating and maintenance of routing tables | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **18** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | In the OSI model, encryption and decryption are functions of the \_\_\_\_\_\_\_\_ layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | session | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | presentation | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | application | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **19** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | When a host on network A sends a message to a host on network B, which address does the router look at? | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | port | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | logical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **20** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | To deliver a message to the correct application program running on a host, the \_\_\_\_\_\_\_ address must be consulted. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | port | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | IP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **21** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | IPv6 has \_\_\_\_\_\_\_ -bit addresses. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | 32 | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | 64 | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | 128 | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | variable | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **22** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | ICMPv6 includes \_\_\_\_\_\_\_. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | IGMP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | ARP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | RARP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | a and b | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **23** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_ layer is responsible for moving frames from one hop (node) to the next. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **24** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_ layer adds a header to the packet coming from the upper layer that includes the logical addresses of the sender and receiver. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **25** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The\_\_\_\_\_\_\_\_\_ layer is responsible for the delivery of a message from one process to another. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **26** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The Internetworking Protocol (IP) is a \_\_\_\_\_\_\_\_ protocol. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | reliable | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | connection-oriented | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | both a and b | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **27** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_ is a process-to-process protocol that adds only port addresses, checksum error control, and length information to the data from the upper layer. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | TCP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | UDP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | IP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **28** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | \_\_\_\_\_\_\_\_\_\_ provides full transport layer services to applications. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | TCP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | UDP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | ARP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **29** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_\_ address, also known as the link address, is the address of a node as defined by its LAN or WAN. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | port | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | logical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **30** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | Ethernet uses a \_\_\_\_\_\_ physical address that is imprinted on the network interface card (NIC). | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | 32-bit | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | 64-bit | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | 6-byte | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **31** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | A port address in TCP/IP is \_\_\_\_\_\_ bits long. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | 32 | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | 48 | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | 16 | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **32** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_ created a model called the Open Systems Interconnection, which allows diverse systems to communicate. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | OSI | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | ISO | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | IEEE | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **33** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The seven-layer \_\_\_\_\_ model provides guidelines for the development of universally compatible networking protocols. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | OSI | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | ISO | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | IEEE | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | none of the above | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **34** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The physical, data link, and network layers are the \_\_\_\_\_\_ support layers. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | user | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | both (a) and (b) | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | neither (a) nor (b) | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **35** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The session, presentation, and application layers are the \_\_\_\_ support layers. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | user | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | both (a) and (b) | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | neither (a) nor (b) | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **36** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer links the network support layers and the user support layers. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | session | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **37** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer coordinates the functions required to transmit a bit stream over a physical medium. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **38** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer is responsible for delivering data units from one station to the next without errors. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | **data link** | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **39** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_ layer is responsible for the source-to-destination delivery of a packet across multiple network links. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **40** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_\_ layer is responsible for the process-to-process delivery of the entire message. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **41** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_ layer establishes, maintains, and synchronizes the interactions between communicating devices. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | session | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **42** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_ layer ensures interoperability between communicating devices through transformation of data into a mutually agreed upon format. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | presentation | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **43** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_\_\_ layer enables the users to access the network. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | transport | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | application | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **44** | **INCORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | TCP/IP is a \_\_\_\_\_\_ hierarchical protocol suite developed \_\_\_\_ the OSI model. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | seven-layer; before | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | five-layer; before | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | six-layer; before | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **D)** | five-layer; after | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **45** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The TCP/IP \_\_\_\_\_\_\_ layer is equivalent to the combined session, presentation, and application layers of the OSI model. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | application | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | network | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | data link | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **46** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_\_\_\_\_ address, also known as the link address, is the address of a node as defined by its LAN or WAN. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | IP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | port | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | specific | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **47** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The \_\_\_\_ address uniquely defines a host on the Internet. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **B)** | IP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **C)** | port | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | specific | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
|  | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| **48** | **CORRECT** | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | The\_\_\_\_\_ address identifies a process on a host. | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **A)** | physical | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **B)** | IP | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | This is the correct answer. | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio_selected.gif | **C)** | port | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |  |  |  | | --- | --- | --- | | http://highered.mheducation.com/olcweb/styles/shared/radio.gif | **D)** | specific | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | |  | |
| http://highered.mheducation.com/olcweb/styles/shared/spacer.gif | | | | |