Unit 11 - Everything you wanted to know about connectors!

Week 10 Assessment

The due date for submitting this assignment has passed. Due on 2017-10-04, 23:59 IST.

Submitted assignment

1) Which of these connectors is most commonly used in network and telephone cables?
   - USB-A
   - 3.5mm Jack
   - RJ45
   - BNC Connector

   **No, the answer is incorrect.**
   Score: 0
   Accepted Answers: RJ45

2) In the context of connectors, what is the full form of IDC?
   - Infinitely Decimalated Coefficient
   - Insulation Displacement Connectors
   - Integrated Digital Contact
   - Industrial Design Center

   **No, the answer is incorrect.**
   Score: 0
   Accepted Answers: Insulation Displacement Connectors

3) Which of these connectors is used to make a removable connection on a Printed Circuit Board (PCB)?
   - Edge Connector
   - BNC Type
   - Coaxial
   - RCA Type

   **No, the answer is incorrect.**
   Score: 0
   Accepted Answers: Edge Connector

4) Which of these is a "Genderless" connector?
   - 3.5mm Jack
   - Anderson Connector
   - USB Type C
   - RJ45

   **No, the answer is incorrect.**
   Score: 0
   Accepted Answers: Anderson Connector

5) In the case of a plug for a wall socket, what is the advantage of providing flat contacts (as seen in US appliances) vs providing circular contacts (as seen in Indian appliances)?
   - It's a marketing tactic so that US appliances can't be used in India
   - It's cheaper to make circular contacts, no other advantage
   - Two circles will meet only at a single line, so the only electrical contact will be a line

   **No, the answer is incorrect.**
   Score: 0
   Accepted Answers: Two circles will meet only at a single line, so the only electrical contact will be a line
6) What is the term which refers to the number of times that a connector can be plugged and unplugged without any deterioration in quality?

- Usability Index
- Mating Cycle
- Ruggedness Quotient
- Robustness

No, the answer is incorrect.
Score: 0
Accepted Answers:
Mating Cycle

7) In the context of connectors, what is "Strain Relief"?

- None of these
- To prevent any forces from being applied to the electrical components, and to transfer it to the mechanical components
- Provision of a soothing hum to relax the user of the device
- The heat treatment of metallic parts to remove residual stress built up during manufacture

No, the answer is incorrect.
Score: 0
Accepted Answers:
To prevent any forces from being applied to the electrical components, and to transfer it to the mechanical components

8) In the context of USB connectors, what is the full form of OTG?

- On The Go
- OscilloscopicTrend Generator
- Oven Toaster Grill

No, the answer is incorrect.
Score: 0
Accepted Answers:
On The Go

9) What is the type of connector that allows more than one contact that can be decided by the user? (as opposed to pre-defined contacts - live, neutral, earth, data etc)

- Multipin adaptor
- Banana Alligator type
- Multiway connector
- USB B Type

No, the answer is incorrect.
Score: 0
Accepted Answers:
Multiway connector

10) Which are the most rugged types of connectors, which feature positive electrical interface and minimal degradation of contact points?

- RCA type
- Multiway
- Military or MIL spec
- BNC type

No, the answer is incorrect.
Score: 0
Accepted Answers:
Military or MIL spec