**DV300\_8\_SAS on video related to Wireless Technologies**

**Self-Assessment Sheet**

Q1. The IEEE is an international organization for the advancement of technology related to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A1. Electricity.

Q2. What are the 5 wireless standards?

A2. 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac.

Q3. 802.11 standard project is \_\_\_\_\_\_\_\_\_\_\_\_\_.

A3. Wireless.

Q4. The first wireless standard which is \_\_\_\_\_\_\_\_\_\_\_\_which came out in 1999 and the latest standard is the \_\_\_\_\_\_\_\_\_standard which was released in 2014.

A4. 802.11a, 802.11ac.

Q5. IRDA stands for the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A5. Infrared Data Association.

Q6. Infrared is the technology that was developed by \_\_\_\_\_\_\_\_\_\_\_

A6. IRDA.

Q7. Infrared means \_\_\_\_\_\_\_\_\_\_\_\_\_\_, a wireless technology with data transmitted in rays of light rather than using a\_\_\_\_\_\_\_\_\_\_.

A7. Below Red, Radio Waves.

Q8. The drawbacks of infrared is that it requires a direct line of sight. If any objects comes in between the two infrared devices, the communication will be blocked. (True/False)

A8. True.

Q9. Define Bluetooth.

A9. Bluetooth is a short-range radio that provides a way to connect and exchange information between devices such as laptops, cell phones, and tablets.

Q10. Bluetooth operates on 2.4 GHz. And it's capable of transmitting both \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.

A10. Voice, Data.

Q11. Bluetooth has a transfer speed of \_\_\_\_\_\_\_\_\_\_and has a maximum range of approximately \_\_\_\_\_\_\_ meters.

A11.MB/s, 100.