ANSWER ALL QUESTIONS

QUESTION 1: Identify which statement is **True** and which is **False**. (3 Marks, 1 for each)

1. _____ Blackberry is a USA mobile manufacturer.
2. _____ Mobile computing involves only software and hardware.
3. _____ Linux kernel layer provides basic system functionality like process management, memory management, device management like camera, keypad, display etc.

Question 2: Choose the correct answer of the following statements. (3 Marks, 1 for each)

1. First attempt of mobile OS is on late of ________ .
   - ① 1970s
   - ② 1980s
   - ③ 1990s
   - ④ None of above

2. _________ is based on the Windows NT kernel.
   - ① iOS
   - ② Android
   - ③ Windows Phone
   - ④ None of above

3. _________ is developed by Samsung Electronics.
   - ① Symbian
   - ② Bada
   - ③ Blackberry
   - ④ Palm OS

QUESTION 3: Answer the following: (9 Marks)

1. List the 6 mobile Operating Systems (3 Marks, ½ for each)
2. **Describe the following terms** *(6 mark)*

   a) SmartPhones:

   b) PDA:

   c) Ad-hoc networks:

**QUESTION 4:** The figure below shows the unit shipments of different types of devices by product category in 2013 and 2017 (in Millions). Discuss it with focusing on the future trend. *(5 Marks)*