Exam Code: 920-551
Exam Name: GSM BTS 18000 Installation & Commissioning
Vendor: Nortel
Version: DEMO
Part: A

1: Click on the Exhibit button.
According to the exhibit, what is the maximum number of external alarm cables used to monitor the BTS environment?

A.2  
B.3  
C.4  
D.5  
**Correct Answers: A**

2: In which order should the modules represented in the DDU be switched on during the procedure of powering on the GSM BTS 18020?
A.ECU, Digital/RICO, RF0, RF1  
B.Digital/RICO, RF0, ECU, RF1  
C.RF0, RF1, ECU, Digital/RICO  
D.ECU, RF0, RF1, Digital/RICO  
**Correct Answers: A**

3: Click on the Exhibit button.
Using the information in the exhibit, calculate the ground resistance for a fully equipped GSM BTS 18010?
Table 1 – BTS 18010 Dimensions

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>1750 mm (68.9 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>600 mm (23.6 in)</td>
</tr>
<tr>
<td>Width</td>
<td>600 mm (23.6 in)</td>
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</tbody>
</table>

Table 2 – BTS 18020 Weight Fully Equipped

<table>
<thead>
<tr>
<th>BTS Type</th>
<th>Weight</th>
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<tbody>
<tr>
<td>$666</td>
<td>336.2Kg (739lb)</td>
</tr>
</tbody>
</table>

A. 604kg/m  
B. 725kg/m  
C. 800kg/m  
D. 931kg/m  
**Correct Answers: D**

4: Click on the Exhibit button.  
What is the effect in the BTS when the Circuit Breakers (CB), CB1 and CB3, are off?

A. Heater 1 is off.  
B. Rectifiers in slots 1-2 are off.  
C. The entire heating system is off.  
D. Only rectifiers 3 and 4 are operational.  
**Correct Answers: D**

5: Click on the Exhibit button.  
In which order should the Circuit Breakers (CBs) in the exhibit be switched on when powering on the GSM BTS 18010?

A. Heater 1 is off.  
B. Rectifiers in slots 1-2 are off.  
C. The entire heating system is off.  
D. Only rectifiers 3 and 4 are operational.  
**Correct Answers: D**
6: Why is the GSM BTS 18020 secured on the Nortel plinth?
A. in case of seismic activity
B. in case of greenfield installation
C. in case of BTS S8000 swap
D. in case of roof terrace installation
Correct Answers: C

7: How is the GSM BTS 18020 secured to the floor?
A. with two M10 bolts
B. with two M12 bolts
C. with four M10 bolts
D. with four M12 bolts
Correct Answers: C

8: What is the operational state when the PCMx LED is red?
A. PCM ok
B. PCM NOK
C. Synchro ok
D. PCM in Test
Correct Answers: B
9: What is the operational state when the Abis LED is blinking?
A. level 2 is ok
B. no level 2 with the BSC
C. downloading in progress
D. software downloading failure
Correct Answers: C

10: Click on the Exhibit button.
According to the exhibit, what is the value of the TEI?

<table>
<thead>
<tr>
<th>TMCH</th>
<th>TMCI</th>
<th>TMCI</th>
<th>TMCH</th>
<th>LEVEL MATCH-OUT</th>
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<tbody>
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A. 0
B. 1
C. 2
D. 3
Correct Answers: A