A high pass filter passes
all signals having frequencies

1. Above the corner frequency

2. Below the corner frequency

3. At the corner frequency

A low pass filter passes
all signals having frequencies

1. Above the corner frequency

2. Below the corner frequency

3. At the corner frequency

A band pass filter passes
all signals having frequencies

1. Above the corner frequency

2. Below the corner frequency

3. At the corner frequency

A first order high pass filter having a corner frequency at 2 kHz will attenuate a signal at 20 kHz

1. by -3 dB
2. by -6 dB
3. by -20 dB
4. hardly at all

A first order low pass filter having a corner frequency at 2 kHz will attenuate a signal at 20 kHz

1. by -3 dB
2. by -6 dB
3. by -20 dB
4. hardly at all

17 Filter classification

A second order low pass filter having a corner frequency at 2 kHz will attenuate a signal at 20 kHz

1. by -3 dB
2. by -6 dB
3. by -20 dB
4. by -40 dB
5. hardly at all

A second order low pass filter having a corner frequency at 2 kHz will attenuate a signal at 2 kHz

1. by -3 dB
2. by -6 dB
3. by -20 dB
4. by -40 dB
5. hardly at all