

# MUSIC ALIVE!

## STUDENT QUIZ ANSWERS

### Vol.41, No.6

#### GOOD VIBRATIONS

1. Sound is created when objects strike or vibrate and then moves from one location to another.
2. Plucked string, Vocal cords, Speaker diaphragm, Tuning fork, Organism's legs or wings
3. False
4. High (or fast) frequency sound wave
5. The **loudness** of a sound is subjective. The same sound will not be perceived to have the same loudness to all individuals.
6. The middle ear transforms the energy of the wave into internal vibrations of tiny bones in the middle ear which transforms these vibrations into a compressed wave.
7. Properties of the air, such as temperature and humidity
8. The object's timbre vibrates at a single frequency
9. Objects make sounds and vibrate at a set of frequencies that have no mathematical relationship between them, they vibrate with several frequencies, producing a complex sound wave that is clanky and noisy.
10. Different pitches induce vibrations on the plate, forming patterns using salt or sand.

#### JINGLE ALL THE WAY

1. Wheaties
2. Recording equipment had not been invented yet!
3. The jingle went nation wide after seeing sales grow in Minneapolis, MN, the only area the jingle was aired.
4. Rise in television use
5. Could be more creative, using animation, dancing, and visual effects
6. The shorter and simpler the melody, the more likely to be remembered.
7. Barry Manilow
8. 1987
9. Companies leveraged emotional and cultural experience as opposed to the direct sale of products themselves.
10. 30 seconds

#### JON BATISTE HAS SOUL

1. Lionel Batiste, Milton Batiste, and Russell Batiste Jr.
2. Eight years old
3. Taking classical music lessons and transcribing video game music
4. Melodica
5. The album was recorded entirely in subway cars and on street corners.
6. *Chronology of a Dream: Live at the Village Vanguard and Meditations.*
7. He composed the original music for the soundtrack.
8. He earned 11 GRAMMY nominations, more than any other artist.
9. Co-Director and Curator at The National Jazz Museum, Traveling Ambassador for "Music Unites"
10. "American Symphony"