

# High Dynamic Range Practice Test Questions and Answers

**1. What is the primary advantage of HDR10+ over standard HDR10 format?**

- A) Higher resolution capability
- B) Dynamic tone mapping with scene-by-scene metadata
- C) Lower bandwidth requirements
- D) Better audio compression

**2. Which color space is most commonly used for HDR content delivery?**

- A) sRGB
- B) Adobe RGB
- C) Rec. 2020 (BT.2020)
- D) DCI-P3

**3. What is the typical peak brightness level for HDR displays compared to standard dynamic range?**

- A) 400 nits vs 100 nits
- B) 1000+ nits vs 100 nits
- C) 2000 nits vs 500 nits
- D) 4000 nits vs 1000 nits

**4. Which transfer function is used in the HDR10 standard for encoding luminance values?**

- A) Gamma 2.2
- B) sRGB transfer function
- C) PQ (Perceptual Quantizer) SMPTE ST 2084
- D) HLG (Hybrid Log-Gamma)

Answers: 1-B 2-C 3-B 4-C

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