

## Digital Mirror- MCQs (Teacher)

1. What is the main topic of the presentation? (Answer: B)
  - A. Video games
  - B. Face recognition using art, brain science and maths
  - C. Drawing portraits by hand
  - D. Social media filters
2. What is the goal of a portrait in art, according to the slides? (Answer: C)
  - A. To copy every detail exactly
  - B. To look realistic only
  - C. To capture the essence of a person
  - D. To use bright colours
3. Which part of the brain helps us recognise faces? (Answer: D)
  - A. Visual cortex
  - B. Cerebellum
  - C. Motor cortex
  - D. Fusiform face area
4. How does a computer see a face? (Answer: C)
  - A. As numbers (binary data)
  - B. As colours only
  - C. As a photograph
  - D. As emotions
5. Why does a computer need many face images to learn? (Answer: C)
  - A. To decorate the screen
  - B. To remember one picture
  - C. To learn patterns across faces
  - D. To slow the computer
6. What is an average face? (Answer: B)

- A. The most common face
- B. A combination of many faces
- C. A blurry photo
- D. One photograph

7. If two images are very similar, what happens to the score? (Answer: B)

- A. It gets smaller
- B. It increases
- C. It disappears
- D. It turns negative

8. If two images are very different, what happens to the score? (Answer: A)

- A. It gets smaller
- B. It increases
- C. It disappears
- D. It turns negative