



# AED Trainer — Knowledge Check Quiz

15 Multiple Choice Questions | Free Trainer Resource | [trainerresources.com](http://trainerresources.com)

**Instructions:** Circle or tick the correct answer for each question. This quiz covers key knowledge areas for the **AED Trainer** course. Pass mark: 12/15 (80%). Answers are provided on the final page.

## Q1. What does AED stand for?

- A) Automated External Defibrillator
- B) Automatic Emergency Device
- C) Advanced Emergency Defibrillator
- D) Automated Emergency Defibrillator

## Q2. What is the purpose of an AED?

- A) To restart a stopped heart
- B) To deliver a controlled electric shock to restore normal heart rhythm in ventricular fibrillation/pulseless VT
- C) To measure heart rate
- D) To provide oxygen

## Q3. What is ventricular fibrillation (VF)?

- A) A normal heart rhythm
- B) A chaotic, disorganised electrical activity in the ventricles causing cardiac arrest
- C) A slow heart rate
- D) A blocked artery

## Q4. When should CPR be started in relation to AED use?

- A) After the AED is attached
- B) Immediately — do not delay CPR while waiting for AED
- C) Only if the AED is unavailable
- D) After the AED analysis

## Q5. What should you do when the AED says 'stand clear'?

- A) Continue CPR
- B) Ensure no one is touching the patient and press the shock button
- C) Check for breathing
- D) Call 999

## Q6. Can an AED be used on a child?

- A) No, never
- B) Yes — use paediatric pads/mode for children under 8 or under 25kg; adult pads if paediatric unavailable
- C) Only children over 12
- D) Only with a doctor present

## Q7. What should you do if the patient has a hairy chest?

- A) Shave the entire chest
- B) Quickly shave the pad placement areas if a razor is available, or press pads firmly

- C) Do not use the AED
- D) Use extra gel

**Q8. What should you do if the patient has a medication patch on their chest?**

- A) Leave it in place
- B) Remove the patch and wipe the area before placing the pad
- C) Place the pad over it
- D) Use the other side of the chest

**Q9. What is the correct pad placement for an adult?**

- A) Both pads on the left chest
- B) Right pad below right collarbone, left pad below left armpit on the side of the chest
- C) Both pads on the back
- D) One pad on chest, one on back

**Q10. What should you do if the AED advises 'no shock'?**

- A) Stop CPR
- B) Continue CPR immediately for 2 minutes, then allow AED to re-analyse
- C) Check for a pulse
- D) Call for help

**Q11. What is the chain of survival?**

- A) CPR, AED, hospital
- B) Early recognition, early CPR, early defibrillation, post-resuscitation care
- C) Call 999, CPR, AED, recovery
- D) Recognition, response, resuscitation, recovery

**Q12. How often should an AED be checked?**

- A) Annually
- B) According to manufacturer guidance — typically daily visual check, regular full inspection
- C) Monthly only
- D) Only when used

**Q13. What is the survival rate for VF cardiac arrest with immediate CPR and defibrillation?**

- A) Less than 5%
- B) Up to 70-75% if defibrillated within 3-5 minutes
- C) 100%
- D) About 20%

**Q14. What should you do after using an AED?**

- A) Put it away
- B) Continue CPR until emergency services arrive, then hand over to paramedics and replace pads/battery
- C) Turn it off
- D) Clean it and put it away

**Q15. What is a public access defibrillator (PAD)?**

- A) A hospital AED
- B) An AED placed in a public location for use by bystanders before emergency services arrive

- C) A private AED
  - D) An AED in an ambulance
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## **Answer Key**

**Q1: A Q2: B Q3: B Q4: B Q5: B Q6: B Q7: B Q8: B Q9: B Q10: B Q11: B Q12: B Q13: B Q14: B Q15: B**

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