Middle School Physical Education Theory

Physical Education · Answer Key · 18 Questions

1. Which component of fitness refers to the ability of the heart, lungs, and blood vessels to supply oxygen to working muscles during sustained physical activity?

A) Muscular endurance
B) Cardiovascular endurance
C) Flexibility
D) Body composition

2. What is the primary function of the F.I.T.T. principle in exercise programming?

A) To define dietary requirements
B) To calculate target heart rate
C) To structure and progress a fitness plan
D) To identify sports injury risks

3. In the context of the F.I.T.T. principle, what does the acronym stand for?

A) Frequency, Intensity, Time, Type
B) Fitness, Interest, Training, Technique
C) Fast, Intense, Tough, Training
D) Flexibility, Integrity, Torque, Teamwork

4. Which of the following is an example of an anaerobic exercise?

A) Long-distance jogging
B) Swimming laps
C) 100-meter sprint
D) Yoga

5. Which nutrient is considered the primary source of fuel for high-intensity physical activity?

A) Proteins
B) Fats
C) Carbohydrates
D) Vitamins

6. What is the main purpose of a warm-up before participating in sports?

A) To build muscle mass
B) To increase blood flow and prepare muscles for activity
C) To decrease the resting heart rate
D) To replace lost electrolytes

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7. Which of the following describes 'muscular strength'?

A) The ability to repeat a movement many times
B) The ability of a muscle to exert force against resistance
C) The range of motion around a joint
D) The ratio of lean mass to fat mass

8. What is the standard measurement used to determine the relative intensity of a cardiovascular workout?

A) Body mass index
B) Heart rate (beats per minute)
C) Total calories consumed
D) Number of steps taken

9. Which training method involves alternating between high-intensity bursts and periods of low-intensity recovery?

A) Continuous training
B) Interval training
C) Static stretching
D) Isometric training

10. What does the term 'flexibility' refer to in physical education?

A) The speed of muscle contraction
B) The ability to move a joint through its full range of motion
C) The ability to maintain balance under pressure
D) The capacity of muscles to endure fatigue

11. Which type of muscle contraction occurs when the muscle length changes while producing force, such as during a bicep curl?

A) Isometric
B) Isotonic
C) Isokinetic
D) Static

12. What is the definition of 'body composition' in the context of health-related fitness?

A) The total weight of an individual
B) The ratio of lean body mass to fat mass
C) The speed at which the body burns calories
D) The strength of the skeletal system

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13. Which of the following is a skill-related component of fitness?

A) Agility
B) Flexibility
C) Muscular endurance
D) Body composition

14. What is the purpose of cooling down after exercise?

A) To maximize heart rate
B) To gradually return the body to a resting state
C) To build explosive power
D) To increase core body temperature

15. Which principle of training states that the body adapts specifically to the type of demand placed upon it?

A) Overload principle
B) Specificity principle
C) Progression principle
D) Reversibility principle

16. What does the 'Overload' principle in physical education involve?

A) Resting for long periods
B) Working the body harder than it is accustomed to
C) Performing only flexibility exercises
D) Reducing the frequency of workouts

17. Which of these is considered a 'sedentary' activity?

A) Playing a game of soccer
B) Walking to school
C) Watching television
D) Cycling to the park

18. Why is hydration important during physical activity?

A) To increase body fat
B) To prevent overheating and maintain bodily functions
C) To reduce the need for oxygen
D) To eliminate the need for carbohydrates

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