

Safety/Driver Education (0860)

Test at a Glance

Test Name	Safety/Driver Education		
Test Code	0860		
Time	2 hours		
Number of Questions	120		
Format	Multiple-choice questions		
	Content Categories	Approximate Number of Questions	Approximate Percentage of Examination
	I. Safety and Driver Education Curriculum	28	23%
	II. Traffic and Safety Regulations	9	7%
	III. Budgeting and Planning	25	21%
	IV. Equipment and Information Material	18	15%
	V. Methodology and Evaluation	26	22%
	VI. Legal Aspects and Public Relations	14	12%

About This Test

The Safety/Driver Education test is designed for prospective teachers of safety and driver education to senior high school students in the state of Pennsylvania. Examinees typically have completed a bachelor's program in education, with course work in the areas of safety education and driver education.

The examinee should be able to identify the fundamental concepts and principles of safety and driver education through the recall of facts, including terminology, principles, and applications, and use of facts in the analysis and the evaluation of specific situations. Additionally, the examinee should be able to select appropriate activities for effective learning, relate new concepts and principles to the students' existing knowledge and experience, recognize and utilize appropriate learning resources of the school and community, evaluate student responses in classroom and laboratory situations, and select appropriate subsequent strategies and provide relevant experiences.

The 120 multiple-choice questions focus on the content areas of safety and driver education curriculum, traffic and safety regulations, budgeting and planning, equipment and informational material, methodology and evaluation, and legal aspects and public relations. This test may contain some questions that will not count toward your score.

Topics Covered

Representative descriptions of topics covered in each category are provided below.

I. Safety and Driver Education Curriculum

- Safety areas: home, work, recreation, highway, and public safety
- Driver education curriculum: highway transportation system, Pennsylvania motor vehicle laws and regulations, natural laws affecting vehicle and operator performance, vehicle familiarization, basic control tasks, perception and driving strategies, driving environments, advanced control tasks, driver fitness, vehicle maintenance, and driver responsibility

II. Traffic and Safety Regulations

- Traffic regulation: legislation, adjudication, enforcement, engineering, and the 18 standards of the Highway Safety Act
- General safety regulation: occupational safety and health acts, environmental protection acts, product safety, agricultural regulations and product controls, and local ordinances and codes

III. Budgeting and Planning

- Budgeting: record keeping and cost categories, budget planning, and funding sources
- Scheduling: national and state guidelines; learning modes, including the understanding of instructional modes and the ability to use various scheduling procedures such as classroom and laboratory scheduling and scheduling formulas
- Curriculum planning: assessing student needs, current trends, task analysis, outside resources, and selecting and developing driving routes

IV. Equipment and Information Material

- Facilities and equipment: classroom media and equipment; laboratory media and equipment, including simulation equipment, multiple-car range, and on-street driving; and selecting and securing equipment, including textbooks and other printed material, audiovisual aids, and psychophysical equipment
- Safety research issues: knowing research and its sources of information, and understanding and using research results
- Current trend issues: new and proposed legislation, sources of information, and utilization of current information
- Sources and use of printed materials, software, and hardware

V. Methodology and Evaluation

- Methodology: the effective use of simulation, multiple-car range, on-street driving, student-centered learning activities, effective transfer of classroom knowledge to laboratory situations, and special populations
- Evaluation: curriculum evaluation, teacher evaluation, and student evaluation, including classroom testing and laboratory performance

VI. Legal Aspects and Public Relations

- Legal issues: state and local regulations, reasons for planned routes, record keeping, insurance, and emergency procedures
- Public relations: parental support, automobile dealer relationships, and school/community relationships involving adult learners and special populations

Sample Test Questions

The sample questions that follow illustrate the kinds of questions in the test. They are not, however, representative of the entire scope of the test in either content or difficulty. Answers with explanations follow the questions.

Directions: Each of the questions or statements below is followed by four suggested answers or completions. Select the one that is best in each case.

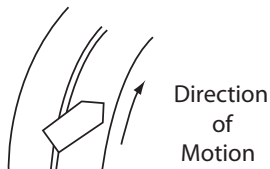


Figure I



Figure II

- A motor vehicle experiences a loss of traction, causing the rear of the vehicle to skid as shown in Figure I. Which of the following actions, taken by the driver in response to the skid shown in Figure I, would result in the skid shown in Figure II?

 - Too little steering to the right
 - Too much steering to the right
 - Too little steering to the left
 - Too much steering to the left
- In the United States, the greatest number of fatal accidents occur on roads and highways. Which of the following is the site of the second greatest number of fatal accidents?

 - Public transportation systems
 - Recreational facilities
 - The home
 - The workplace
- Which age-group has a significantly higher rate of highway crashes caused by the use of alcohol, excessive speed, and failure to wear safety belts?

 - 16–25
 - 26–35
 - 36–45
 - 46 and above
- According to Pennsylvania state law, a person is required to wear a helmet while operating a motorcycle if

 - younger than 21 years of age and licensed less than two years
 - possessing a motorcycle learner's permit, regardless of age
 - younger than 21 years of age and having completed a certified motorcycle safety course
 - involved in a motorcycle accident in the last two calendar years
- A parent is at home with two children when one child falls down a flight of stairs. On discovering that the back of the child's head is bleeding, the parent should do which of the following?

 - Carry the child to a comfortable location, apply direct pressure to the wound, and then call the appropriate emergency service.
 - Call the appropriate emergency service, carry the child to a more comfortable location, and then apply direct pressure to the wound.
 - Apply a bandage to the wound and then call the appropriate emergency service.
 - Apply direct pressure to the wound and then call the appropriate emergency service.
- The Pennsylvania Department of Education Driver and Traffic Safety Education Program requirements for an approved standardized high school driver education program consist of a minimum of

 - 30 clock hours of classroom instruction and 6 clock hours of behind-the-wheel instruction
 - 32 clock hours of classroom instruction and 6 clock hours of behind-the-wheel instruction
 - 36 clock hours of classroom instruction and 8 clock hours of behind-the-wheel instruction
 - 40 clock hours of classroom instruction and 8 clock hours of behind-the-wheel instruction

7. During an on-street lesson with a student driver, the driving teacher hears a grinding sound coming from the right front wheel. Which of the following should the teacher do?
- (A) Continue with the driving lesson.
 - (B) Have the student drive back to the school over the shortest route.
 - (C) Have the student pull off the road at the first safe location, change places with the student, and drive the car back to the school.
 - (D) Have the student pull off the road at the first safe location, secure the vehicle, and notify the school of the problem.
8. To achieve the consistent application of techniques and information involving student operation of a motor vehicle, the driving teacher should
- (A) maintain a close relationship with the school board
 - (B) explain the general goals and objectives of the driver education program to parents
 - (C) provide parents with instructional methods and procedures to enable them to help their children
 - (D) encourage students to improve their parents' driving skills
9. To determine whether a student driver is being visually aware when operating a driver-education vehicle, an instructor should rely on
- (A) commentary by the student
 - (B) the student's driving performance
 - (C) skill tests
 - (D) perceptual tests
10. Which of the following factors may be tested on psychophysical testing equipment?
- I. Reaction time
 - II. Depth perception
 - III. Glare recovery
- (A) I and II only
 - (B) I and III only
 - (C) II and III only
 - (D) I, II, and III
11. Which of the following will NOT affect the total stopping distance of a vehicle?
- (A) The vehicle's weight
 - (B) The vehicle's speed
 - (C) The time of day
 - (D) The road conditions
12. A driver in a car is preparing to pass a truck that is traveling at about 25 miles per hour on a straight, two-lane rural road with a posted speed limit of 50 miles per hour. The road markings indicate that the car and truck are in a passing zone for vehicles traveling in the direction of the car and truck. The car is maintaining a 3-second following distance behind the truck. Which of the following should the driver of the car do first when preparing to pass the truck?
- (A) Make a lateral move into the other lane to better see oncoming traffic
 - (B) Activate the left directional signal to communicate the intention to pass
 - (C) Check the blind spot over the left shoulder
 - (D) Accelerate to 35 miles per hour faster than the truck to execute the pass
13. Which of the following is NOT a function of using simulator units in driver and traffic safety education programs?
- (A) Providing kinesthetic feedback to students
 - (B) Developing students' perceptual driving skills
 - (C) Providing differentiated instruction
 - (D) Developing fundamental physical body movement skills
14. Which of the following activities would best be included in a behind-the-wheel lesson on lateral maneuvers?
- (A) Making a left turn onto a cross street
 - (B) Entering and exiting an expressway
 - (C) Changing lanes on an interstate highway
 - (D) Passing vehicles in a low-traffic residential neighborhood

15. According to National Safety Council statistics, which of the following lists is correct in decreasing order of the number of fatalities per year?
- (A) Home accidents, drowning, airplane crashes
 - (B) Airplane crashes, home accidents, drowning
 - (C) Airplane crashes, drowning, home accidents
 - (D) Home accidents, airplane crashes, drowning
16. Which of the following is NOT a requirement for a junior license holder applying for a regular license at seventeen and one-half years of age in the state of Pennsylvania?
- (A) The applicant's record must be free of violations and accidents.
 - (B) The applicant must have a driver education teacher's consent
 - (C) The applicant must have consent from his or her parents, guardians, or spouse.
 - (D) The applicant must pass a state-approved driver-training program.
17. In Pennsylvania, which of the following is the maximum number of months prior to turning sixteen years of age that a person can have the Physician's Report of Examination section of the noncommercial learner's permit application completed?
- (A) Zero months
 - (B) Three months
 - (C) Six months
 - (D) Nine months
18. When special traffic signals are used directly over lanes of traffic, a steady amber X over a traffic lane means that drivers
- (A) may use the lane only to make left turns
 - (B) are not permitted to enter the lane
 - (C) are permitted only to pass in the lane
 - (D) must change lanes if driving in the lane
19. According to Pennsylvania law, a driver must always use a turn signal at least 100 feet before making a turn if the vehicle is traveling less than
- (A) 25 mph
 - (B) 30 mph
 - (C) 35 mph
 - (D) 40 mph
20. A teacher is presenting a behind-the-wheel lesson in a residential setting with a beginning driver who is sixteen years old. The teacher instructs the student to make a right turn at the next intersection, which is a four-way stop. After stopping at the intersection, the student begins to negotiate the right turn and unexpectedly accelerates hard and steers into the opposite lane. Which of the following is the most appropriate action the teacher should take to gain control of the vehicle?
- (A) Only apply the instructor's brake and the emergency brake
 - (B) Only turn the ignition to off and shift to neutral
 - (C) Only grab the steering wheel to regain the vehicle's lane position
 - (D) Apply the instructor's brake while grabbing the wheel to regain the vehicle's lane position
21. Before beginning a behind-the-wheel lesson with a student, the teacher should check which of the following first?
- (A) The pre-entry vehicle inspection has been completed.
 - (B) The mirrors are properly adjusted.
 - (C) The parking brake is set.
 - (D) The student driver's proof of eligibility.
22. According to statistics, the proportion of drivers on the road on a weekend night whose ability to operate a vehicle is legally considered to be impaired is most nearly 1 out of
- (A) 10
 - (B) 20
 - (C) 30
 - (D) 40

23. Pennsylvania law provides for reimbursement of schools for driver education at a rate of \$35.00 per pupil. Which of the following statements about such reimbursements is correct?
- (A) Reimbursement is made to any secondary school, public or private, which provides the standardized program.
 - (B) The amount of reimbursement, paid to public school districts only, is appropriated annually from the motor license fund.
 - (C) The reimbursement is prorated to public school districts according to each school district's subsidy formula.
 - (D) Reimbursement is based on the number of nonlicensed students who complete the program.
24. A person is driving a car north in daylight on a straight, dry, two-lane rural road with a speed limit of 55 miles per hour. The person approaches a truck traveling north at about 30 miles per hour and wishes to pass it in an approved passing zone. What is the safest procedure for the person to follow before passing?
- (A) Checking for oncoming traffic and signaling to the truck driver with hand motions
 - (B) Checking for oncoming traffic and signaling to the truck driver with high-beam headlights
 - (C) Checking for oncoming traffic, tapping the horn, and making sure the truck driver sees the car
 - (D) Waiting for clear side visibility and checking for oncoming traffic

Answers

1. The correct answer is D. The National Highway Traffic Safety Administration, automobile manufacturers, and many other agencies have conducted research to confirm this answer. Oversteering will cause the car to fishtail.
2. The correct answer is C. The National Safety Council's annual report, *Accident Facts*, includes statistics to prove that the home is the general location of the second greatest number of fatal accidents.
3. The National Safety Council's annual report, *Accident Facts*, states that individuals in the age-group 16–25 are more likely to be involved in highway crashes than individuals in the 26+ age-group. Choice A is the correct answer.
4. The correct answer is B. Pennsylvania law requires any person operating or riding a motorcycle to wear protective headgear if he or she possesses a learner's permit, regardless of age. A person older than 21 years of age and holding a license for less than two full calendar years would also be required to wear protective headgear. Any person older than 21 years of age who has completed a motorcycle safety course, regardless of how long he or she has held a license, is not required to wear protective headgear. The number of motorcycle accidents a person is involved in has no bearing on the helmet law.
5. The correct answer is D. Direct pressure should be put on the wound to help stop the bleeding and then the emergency services should be called. Direct pressure is important for any open head wound or one involving an artery, as they bleed more profusely. Carrying the child wastes time that could be used in applying pressure, and bandaging will not help stop the bleeding as the wound will just bleed onto the bandage.
6. The correct answer is A, according to the School Safety Education section of the Pennsylvania Department of Education.
7. The correct answer is D. Automobile manufacturer's owner's manuals recommend pulling off the road at the first safe location with a problem of this type. It is never safe for anyone to drive a vehicle that is experiencing mechanical problems.
8. The correct answer is C. Part of the driver education teacher preparation course in college stresses the importance of providing parents with instructional methods and procedures.
9. The correct answer is A. This is the best way to learn what the student actually notices and considers important.
10. The correct answer is D. Reaction time, depth perception, and glare recovery can all be tested on psychophysical equipment.
11. The correct answer is C. The time of day would have no effect on the braking distance. Visibility issues at night may have an effect on reaction time and total stopping distance, but the braking distance would remain the same. The vehicle's weight, speed, and road conditions would all contribute to braking distance.
12. The correct answer is B. Of the choices listed, the first thing the driver should do is to signal his or her intentions to other drivers by signaling a lateral maneuver to the left. A lateral move into an oncoming lane should not be done with the intent of seeing oncoming traffic. A lateral move closer to the center line would allow the driver of the car to see around the truck. Accelerating to 35 miles per hour faster than the truck would do two things: without changing lanes, the car would tailgate the truck and would also put the car's speed at about 60 miles per hour, which would be against the law. A pass must be completed at or below the posted speed limit. The car's driver, after signaling, would then check his or her blind spot over the left shoulder.
13. The correct answer is D. Developing students' basic movement skills would be addressed in physical education classes beginning in kindergarten. Using simulation units in driver education can provide valuable feedback, develop perceptual driving skills, and provide an alternate type of instruction from the typical classroom experience.
14. The correct answer is C. Lateral moves in a vehicle are those that are made from right to left or left to right. Changing lanes on a highway would be the best choice to include in a lesson with a student driver. Making a turn onto a cross street is not a lateral move. Entering and exiting expressways, while lateral moves, are more complicated because of the possibility of heavy traffic at interchanges and would be more appropriate as a second lesson once the student is acclimated to lateral maneuvers. Passing vehicles in residential neighborhoods is not legal or advised.
15. The correct answer is A. While it may seem that airplane crashes may cause more fatalities because of the number of people killed at one time, home accidents are much more likely to occur, followed by drowning.
16. The correct answer is B. A person may obtain a regular license at seventeen and one-half years of age if he or she has passed a Pennsylvania Department of Transportation (PennDOT)-approved driver-training program, has no violations or accidents on his or her driving record, and has the consent of parents, guardians, or spouse. Otherwise, the applicant must wait to have a regular license until he or she reaches age eighteen. When a person turns eighteen years of age, his or her original junior driver's license automatically becomes a regular license.

17. The correct answer is C. In Pennsylvania, the form may be completed no earlier than six months prior to the applicant's sixteenth birthday and is valid for only one year from the date of the physical examination.

18. The correct answer is D. Lane signals can be used to improve the flow of traffic or to change the direction of travel within lanes. When using this method of traffic flow, a number of lanes to either side of the center line can be reversed. A red X over a lane tells a driver to avoid driving in that lane. A green arrow means that drivers are permitted to drive in the lane. A steady amber X indicates that the driver should safely vacate the lane and maneuver into a lane with a green arrow, because the lane will soon be controlled by a red X. A flashing amber X indicates that the lane may be used with caution for left turn maneuvers only.

19. The correct answer is C. Under Pennsylvania law, a driver must always use a turn signal at least 100 feet before turning if the vehicle is traveling less than 35 miles per hour. If the vehicle is traveling 35 miles per hour or more, the driver must signal at least 300 feet before turning.

20. The correct answer is D. Applying the instructor's brake only, as in choice A, may not stop the vehicle in time before entering the opposite lane of traffic and striking either oncoming vehicle or the opposite curb. Turning the ignition to the off position will not stop the vehicle and should be used only if the engine is racing or for engine-stall training objectives. Using the emergency brake may not stop the vehicle in time. The vehicle may be traveling too fast for adjusting the steering only. Applying the instructor's brake and grabbing the steering wheel simultaneously is the best response to minimize a collision in the opposite lane and for slowing the vehicle.

21. The correct answer is D. Before entering the vehicle with a student driver, the instructor should always check to make sure the student's documentation is valid. Prior to behind-the-wheel training, the student will have had to pass the Pennsylvania written examination and furnish proof to the instructor.

22. The correct answer is A. Nearly one in ten drivers on the road on any given weekend night has consumed enough alcohol or drugs to be considered impaired.

23. The correct answer is B. The reimbursement is only paid to public school districts annually from the Motor License Fund. The other three choices are incorrect.

24. The correct answer is C. The driver of the car should communicate with the truck driver by giving a tap of the horn. This will signal to the truck driver that there is a car behind, possibly in the blind spot. The driver of the car should do this only after checking that there is space to make the pass.



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