

Tractor Operator's Contest Test Bank – 2017

1. Which of the following jobs is the most hazardous for younger workers?
 - a. Fast food Worker
 - b. Lawn Maintenance
 - c. Farmer / Rancher
 - d. Pizza Delivery

2. Which characteristic makes farm / ranch work so dangerous?
 - a. Exposure to hazardous machinery
 - b. Workers often work alone
 - c. Few enforced safety regulations
 - d. All of the above

3. Which characteristic causes youth to be at a greater risk of injury while doing farm / ranch work?
 - a. Lack of Experience
 - b. Lack of Strength
 - c. Lack of Coordination
 - d. All of the Above

4. Which environmental hazard increases the risk of injury?
 - a. Darkness
 - b. Cold
 - c. Snow
 - d. All of the Above

5. Which operator behavior increases the risk of an injury occurring?
 - a. Working while angry
 - b. Being courteous
 - c. Using self-control
 - d. Being patient

6. Which farm task may a 14 year old youth perform for hire once they have successfully completed this training?
 - a. Operating an 80 HP tractor
 - b. Working with lumber with a butt diameter of over 6 inches
 - c. Applying Anhydrous Ammonia
 - d. Working with a cow and her newborn calf

7. Which agricultural machine causes the greatest number of serious injuries to youth?
 - a. Corn pickers
 - b. Tractors
 - c. Combines
 - d. Hay balers

8. Property damage may be one of the economic losses incurred by a farm-related injury?
 - a. True
 - b. False

9. The injection pump is part of the _____ system.
 - a. Fuel
 - b. Electrical
 - c. Hydraulic
 - d. Cooling

10. Controls identified with a yellow color are:
- Controls that adjust machine function
 - Controls that engage powered components (PTO)
 - Machine ground controls (gearshift lever, etc.)
 - Controls that stop the engine
11. Which safety feature(s) has made newer tractors safer to operate?
- ROPS
 - Seat Belts
 - Standardized controls
 - All of the above
12. The starter is part of the _____ system.
- Fuel
 - Electrical
 - Hydraulic
 - Cooling
13. Universal symbols are used on agricultural machinery to help operators:
- Operate machinery in the dark
 - Understand a foreign language better
 - Easily understand operator's instructions
 - Make a loud noise in the event of an accident
14. This instrument is used to determine the engine's RPM (revolutions per minute):
- Tachometer
 - Oil pressure gauge
 - Speedometer
 - GPS gauge
15. Controls that regulate the ground speed of a machine, such as a gearshift lever, are usually _____ in color.
- Red
 - Orange
 - Yellow
 - Black
16. Today's modern tractors are so well designed that operators manuals are no longer needed or provided.
- True
 - False
17. Which safety message is used for the most serious potential hazards?
- Caution
 - Warning
 - Danger
 - None of the above
18. Audible warnings are frequently used on agricultural tractors to alert the operator when the:
- Tractor is backing up
 - Parking brake is engaged
 - Brakes are worn
 - Cab door is ajar

19. "Caution" safety message signs are _____ colored.
- Red
 - Orange
 - Yellow
 - Green
20. Which pre-operational task relates more to the safety of the operator than to the maintenance of the machine?
- Checking the coolant level
 - Cleaning the windshield
 - Greasing the grease zerks
 - Checking the fuel level
21. The letters ROPS stand for:
- Reinforced overhead protection system
 - Roll over protective structure
 - Risk optimized personal safeguards
 - Random occupant protective structure
22. Which of the following are hazards when operating tractors in the field and around the farmstead?
- Stumps
 - Ditches
 - Utility pole guide wires
 - All of the above
23. ROPS are designed to protect the operator by:
- Preventing the tractor from overturning
 - Keeping the operator inside the cab
 - Providing a critical zone of safety for the operator
 - All of the above
24. Seat belts should only be worn in tractors equipped with ROPS
- True
 - False
25. The most common type of tractor-related fatality is:
- Being run over
 - PTO entanglements
 - Tractor overturns
 - Collisions on the highway
26. Almost half of all tractor-related deaths could be prevented if tractors were equipped with:
- Power steering
 - Narrow front end
 - Seat belts
 - ROPS
27. Which safety feature(s) has (have) been added to tractors to prevent fall?
- Side mounted steps
 - Handholds and railings
 - Non-slip surfaces
 - All of the above

28. Which operating procedure(s) can help reduce the potential of a tractor overturn?
- Setting wheel width as wide as possible
 - Keeping the front-end loader bucket lowered during transport
 - Locking brakes together when traveling at higher speeds
 - All of the above
29. When operating a tractor down a steep slope, the operator should:
- Back down
 - Drive down
 - Unlock the foot brakes
 - Use a higher gear
30. The most frequent cause of non-fatal injuries around tractors and self-propelled equipment is:
- Driving too fast
 - Falls
 - Exposure to exhaust fumes
 - Being run over
31. Which design feature does not reduce the potential for tractor upsets?
- Wide front end
 - Use of wheel weights and ballast
 - Fixed drawbar height
 - Seat belts
32. Which toxic gas will be present when a tractor is operated within a closed area such as a shop?
- Anhydrous ammonia
 - Carbon Monoxide
 - Methane
 - Hydrogen Sulfide
33. Rear overturns are the most common type of tractor rollover?
- True
 - False
34. The term PTO when used in connection to a farm tractor refers to:
- Parent Teacher Organization
 - Potatoes, Tomatoes, and Oranges
 - Power Transfer Output
 - Power Take Off
35. The PTO shaft on most agricultural equipment is designed to rotate at:
- 540 rpm
 - 650 rpm
 - 880 rpm
 - 1000 rpm
36. Which hazard is associated with hydraulic systems?
- Exposure to hot fluids
 - High-pressure fluid skin penetration
 - Component failure or collapse
 - All of the above

37. Standard length from the end of a 540 rpm PTO shaft to the center of the drawbar hole (hitching hole) is:
- 10 inches
 - 14 inches
 - 16 inches
 - 20 inches
38. Which of the following PTO shielding systems is most commonly used on modern agricultural equipment?
- Tunnel shield
 - Integral-journal (spinner) shield
 - Full shielded
 - Master shield
39. Which of the following PTO shielding components is part of the tractor?
- Tunnel shield
 - Spinner shield
 - Master shield
 - Inverted shield
40. The correct way to check for a leak in a hydraulic hose is to:
- Spray water on the hose and watch for bubbles
 - Run your hand over the hose
 - Look for hydraulic fluid
 - Hold a piece of cardboard several inches from the hose, moving it the length of the hose
41. As you view the tractor from the rear, the PTO stub shaft on the tractor rotates clockwise while in operation.
- True
 - False
42. Which highly-maneuverable machine is often used to move materials such as dirt, rocks, and manure?
- Skid steer loader
 - Combine
 - Forage harvester
 - Windrower
43. Which type of fire extinguisher would be most effective for extinguishing a trash fire on a combine?
- Type A
 - Type B
 - Type C
 - All of the above
44. Which of the following are potential hazards when operating self-propelled agricultural equipment?
- Falls
 - Overhead power lines
 - Overturns
 - All of the above
45. To prevent header collapse while carrying out maintenance tasks, the operator should:
- Tighten all hydraulic hoses securely
 - Use the header lock or safety stop
 - Support the header with concrete blocks
 - Call a dealer service person

46. The most common reason for fires on combines and cotton harvesters is:
- Combines use flammable fuel
 - Combines are used to harvest mature/dry crops
 - Combines have many high speed parts
 - All of the above
47. Operating combines, cotton pickers, forage harvesters, and sprayers on public roadways requires special precautions because of their:
- Width
 - Weight
 - Speed
 - All of the above
48. The most significant safety concern with overloading (lifting too much weight) with a skid steer loader is:
- Breaking a hydraulic ram
 - Blowing a tire
 - Breaking a hydraulic hose
 - Forward tip over (upset)
49. It is possible to have Types A, B, and C fires on a cotton harvester.
- True
 - False
50. When towing implements on public roadways, which of the following should be used?
- SMV emblem
 - Safety hitch pin
 - Flashing lights
 - All of the above
51. The letters SMV stand for:
- Slow Machine Verification
 - Slow Moving Vehicle
 - Snail's Pace Moving Vehicle
 - Standing Machine Violation
52. Road travel with agricultural tractors is more hazardous because when the speed of a tractor is doubled, the chance of an upset is:
- The same
 - Twice as likely
 - Four times as likely
 - None of the above
53. When moving a very wide implement such as a combine on a public road, it is best to:
- Move it after dark when there are fewer cars on the road
 - Have someone follow in a car or pickup
 - Have someone lead in a car or pickup with their flashers on
 - None of the above are considered good practices
54. The minimum age for a non-certified youth employed by someone other than a parent or guardian to operate an agricultural tractor on public roads is:
- 10
 - 14
 - 16
 - There is not a minimum age in most states

55. When operating self-propelled equipment on public roads, what should the operator do if someone is approaching from behind and wants to pass?
- Slow down and motion for them to go around
 - Slow down and find a suitable place to pull off of the road so that they may pass safely
 - Continue to drive as you are. It is the responsibility of the automobile operator to safely pass you
 - Signal with flashing lights when it is not safe to pass
56. A tractor weighing five tons is pulling a wagon of corn that weighs three tons. What would be the minimum posted weight limit on a bridge need to be for the tractor operator to safely cross it?
- Twice the combined weight of the tractor and wagon
 - 8 Tons
 - 25 Tons
 - 5 Tons
57. The SMV emblem is only to be used on machines that travel at speeds less than ____ miles per hour (MPH) on public roads.
- 10
 - 20
 - 25
 - 35
58. When operating a tractor on a public roadway, the flashing amber lights are only required to be used after dark?
- True
 - False
59. A full face respirator protects your:
- Eyes
 - Face
 - Nose/Respiratory System
 - All of the above
60. Which of the following personal protective equipment is required when working in a toxic atmosphere, such as a silo or manure pit?
- Self-contained breathing apparatus
 - Full face respirator
 - Dust mask
 - None will provide adequate protection
61. When using power tools around the farm which of the following provides the best protection?
- Two-prong plug
 - Three-prong plug
 - Use a GFCI protected circuit
 - None of the above are recommended
62. Which option would be the safest, if a socket wrench was not available in the field to remove a wheel lug bolt?
- Use vise-grips
 - Go locate the correct size socket wrench
 - Hammer and punch
 - Use a pipe wrench

63. A potential hazard associated with checking the cooling system is:
- Skin contact with fuel
 - Burns from hot liquid
 - Build-up of explosive hydrogen gas
 - Fire and explosion
64. Which of the following is a typical hand or power tool injury?
- Spinal cord injury
 - Laceration to the hand
 - Broken leg
 - Ear ache
65. Your senses can be used to detect which of the following hazards?
- Smoke from an overheated bearing
 - Heat from a slipping belt
 - Sound of an exhaust leak
 - All of the above
66. A barrier to getting workers to use personal protective equipment (PPE) is that it:
- Is too expensive
 - Is not readily available
 - Doesn't work
 - Uncomfortable
67. Eye protection is generally recommended for all types of hand and power tools?
- True
 - False
68. Basic personal protective equipment for ATV operators include:
- Helmet, eye protection, gloves, heavy boots
 - Helmet, seat belt, gloves, rubber boots
 - Helmet, ROPS, eye protection, rain gear
 - Helmet, safety hitch pin, chemical goggles, SMV
69. What is the single most important personal protective device for an ATV operator?
- Gloves
 - Shin guards
 - Helmet
 - Goggles
70. Traversing with an ATV means:
- Backing up a hill
 - Riding across the sides (slope) of a hill zig-zag motion
 - Going down a hill
 - Climbing a steep hill
71. One third of all ATV injuries are caused by:
- Exhaust burns
 - Riding double
 - Rear-end collisions
 - Going too slow on public roadways
72. Which of the following would NOT be a proper clothing item to wear when riding an ATV?
- Work type shoes
 - Short sleeve shirt
 - Helmet
 - Jacket

73. When riding an ATV over an obstacle, such as a small log, the operator should:
- Speed up to jump the log
 - Sit down on the seat to ensure he or she doesn't fall off
 - Stand up so that his or her legs and arms absorb the impact
 - None of the above
74. ATV fit guidelines refer to:
- Guidelines to ensure that the ATV fits in the bed of a pickup truck
 - Guidelines to ensure that the ATV operator is the proper size to safely operate the ATV
 - Guidelines to ensure that the operator's ATV helmet is the correct size
 - Guidelines on the proper height for garage and shed doors
75. There are no restrictions on the size (engine cc) of ATVs operated by youth _____ years of age and older.
- 10
 - 12
 - 14
 - 16
76. It is safe to operate ATVs on public roads.
- True
 - False
77. The Fair Labor Standards Act restricts the employment of youth under ____ years of age for performance of farm tasks considered hazardous, without special training.
- 12
 - 14
 - 16
 - 18
78. Which of the following chemicals are youth allowed to use under the Hazardous Occupations Order for Agriculture?
- Anhydrous Ammonia
 - Restricted use pesticides
 - Blasting agents
 - None of the above
79. Suffocations or asphyxiate on can occur in:
- Manure storage pits
 - Silos
 - Environmentally controlled fruit storage facilities
 - All of the above
80. How much time does it take for an average sized person to become totally helpless when caught in flowing grain?
- 5 seconds
 - 15 seconds
 - 60 seconds
 - 90 seconds
81. Contact with overhead power lines can result in:
- Burns
 - Electrocutions
 - Explosions
 - Both burns and electrocutions

82. Silo gas (nitrogen dioxide) can be present in silos for ____ week(s) after filling is complete.
- One
 - Two
 - Three
 - Forty
83. The term used to refer to grain crusting over in a grain bin leaving a void underneath is:
- Grain trap
 - Grain bridge
 - Dark hole
 - Grain vacuum
84. The signal word that indicated the highest level of toxicity is:
- Caution
 - Warning
 - Danger
 - Careful
85. Youth under 16 years of age are allowed to handle logs over 6 inches in diameter in a woodlot operation when the weather is good?
- True
 - False
86. An example of an environmental hazard is:
- Lightning
 - Poisonous snakes
 - Severe cold
 - All of the above
87. The most appropriate first-response measure to take when you are the first person to arrive at the scene of an injury is to:
- Call or send someone to call 911
 - Attempt to remove the injured person to a safe place
 - Bring the victim to the house and wait for the ambulance
 - Apply advanced first-aid
88. When extinguishing a small fire with a fire extinguisher you should:
- Discharge the extinguishing agent at the base of the fire
 - Discharge the agent upwind of the fire
 - Discharge the agent over the top of the fire
 - Stand at least 25 feet away from the fire
89. When calling 911 for emergency assistance the caller should be prepared to provide:
- His/her name
 - Location of the emergency
 - Nature of the emergency
 - All of the above
90. The best source of first-aid information in the event of a pesticide poisoning is the:
- Poison Control Center
 - Chemical dealer
 - Container label
 - Local physician

91. Appropriate first-aid measures in the event of heat stress or stroke are:
- a. Call for emergency assistance
 - b. Cool victim as rapidly as possible
 - c. If conscious, provide victim with cool drink
 - d. All of the above
92. Which of the following should be considered an emergency?
- a. Small abrasions
 - b. Headaches
 - c. Electrocutation
 - d. All of the above
93. What first-aid item would be used in assisting a person with an amputated hand?
- a. Plastic bag
 - b. Surgical mask
 - c. Hand soap
 - d. All of the above
94. Which of the following communication tools could be used in the event of an emergency?
- a. Cellular phone
 - b. FM 2-way phones
 - c. CB radios
 - d. All of the above
95. Class B fires are safely extinguished using water?
- a. True
 - b. False