Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1)** Choose all that apply. Which of the following hazards are commonly associated with hand and power tool operation?

A. Sharp or abrasive objects

B. Blinding light

C. Objects that fall, fly, or splash

D. Harmful dusts, fumes, mists, vapors, and gases

E. Frayed or damaged electrical cords, hazardous connections and improper grounding

**2)** Perform equipment inspections prior to use.

A. True

B. False

**3)** An area of a power tool where two rolling parts or a rolling part and a stationary part converge is called \_\_\_\_\_\_.

A. A nip point

B. The point of operation

C. The power transmission device

**4)** Moving parts of power tools that provide power, such as gears or belts, are called \_\_\_\_\_\_.

A. Nip points

B. Points of operation

C. Power transmission devices

**5)** The point where a circular saw blade makes contact with the material being cut is called \_\_\_\_\_\_.

A. A nip point

B. The point of operation

C. The power transmission device

**6)** Choose all that apply. Which of the following hazard points require machine guards?

A. Nip points

B. Power transmission devices

C. The point of operation

**7)** A pair of safety gloves is an effective hazard control for nip points.

A. True

B. False

**8)** A dull blade is safer to use than a sharp blade.

1. True
2. False

**9)** Choose all that apply. Which of the following tools must be removed from service?

A. A wrench with a sprung jaw

B. A punch with a mushroomed head

C. A hammer with a splintered handle

D. A socket wrench with an oily handle

**10)** Choose all that apply. Which of the following actions is safe?

A. Placing an electric hand grinder in a vise for stationary use

B. Using the side of an abrasive wheel to sand a block of wood

C. Using a compressed air blower to clean your tools

D. None of the above

**11)** Choose all that apply. When using gas-powered tools in an enclosed area, assure that the area is properly ventilated or outfit employees with proper \_\_\_\_\_\_\_\_.

A. Respiratory protection

B. Arc-rated clothing

C. Rubber gloves

D. Hearing protection

**12)** It is acceptable to use a power tool outside of the manufacturer-specified design limits if the work is supervised by a qualified and trained individual.

A. True

B. False

**13)** When storing smaller power tools, hang them by the cord in a dry area away from walkways and aisles.

A. True

B. False

**14)** A ring test assures that \_\_\_\_\_\_.

A. Your ear protection is adequate for the hazards involved

B. Your circular saw blade is sharp

C. Your abrasive wheel is free from cracks and other defects

D. Your smoke alarm is functional

**15)** Choose all that apply. Which of the following power tool safety mechanisms will protect the operator from electric shock?

A. A three-wire cord with a grounding pin

B. Double insulation

C. Electrical tape

D. A low voltage isolation transformer

**16)** Choose all that apply. On the image to the right, which critical items of PPE is the worker neglecting to use?

A. Safety goggles

B. Shin guards

C. Hard hat

D. Gloves

E. Hearing protection

**17)** A gas-powered concrete saw is being used in an enclosed space. Who needs hearing protection?

A. The operator only

B. Any person located within the enclosed space and near the cutting activity

**18)** When installing a jack, to prevent the head from slipping, \_\_\_\_\_\_.

A. Center the jack under the load

B. Place a block between it and the load

C. Make sure that lift force is applied evenly

D. None of the above

**19)** To assure that the load will be supported if the jack slips or fails, the load must be \_\_\_\_\_\_.

A. Blocked

B. Jacked

C. Cribbed

D. Suspended

**Answer Key**

1. A, C, D & E

2. A

3. A

4. C

5. B

6. A, B & C

7. B

8. B

9. A, B & C

10. D

11. A & D

12. B

13. B

14. C

15. A, B & D

16. A & E

17. B

18. B

19. C