Assignment 7

The due date for submitting this assignment has passed. As per our records, you have not submitted this assignment.

1. The blade of hand two (2) sharpened are made up of carbon steel having a percentage of carbon in the range of:
   a) 0.2 to 0.6 %
   b) 0.6 to 0.8 %
   c) 0.8 to 1.2 %
   d) 1.3 to 1.5 %
   Grade: Score 2
   Accepted Answers:
   d) 0.8 to 1.2 %

2. The swaging operation involving forging, compressing, such as increse, remeltable, bacteria, or forge to reduce steel population is known as:
   a) Chemical swaging
   b) Mechanical swaging
   c) Flange swaging
   d) Biological swaging
   Grade: Score 2
   Accepted Answers:
   d) Biological swaging

3. For proper cutting of wood, the mathematical relationship between the tangential force (Ft) and the frictional force (Ff) is given by:
   a) Ft = Ff
   b) Ff = Ft
   c) Ft = Ff
   d) There is no relationship
   Grade: Score 2
   Accepted Answers:
   c) Ft = Ff

4. The slope angle of a steep type welding fuse ranges between:
   a) 12° and 20°
   b) 20° and 30°
   c) 10° and 15°
   d) 30° and 40°
   Grade: Score 2
   Accepted Answers:
   a) 12° and 20°

5. For determining performance index of different welder blades, which parameter is used?
   a) Quality of welding work done
   b) Quantity of welding work done per unit time
   c) Average power used in welding operation
   d) All of the above
   Grade: Score 2
   Accepted Answers:
   b) Quantity of welding work done per unit time

6. In digital image processing, the correct statement is given by:
   a) O intensity = B intensity + 5.0 intensity = 9 intensity
   b) O intensity = B intensity + 5.0 intensity = 9 intensity
   c) O intensity = B intensity + 5.0 intensity = 9 intensity
   d) O intensity = B intensity + 5.0 intensity = 9 intensity
   Grade: Score 2
   Accepted Answers:
   c) O intensity = B intensity + 5.0 intensity = 9 intensity

7. For measuring the handle length of a manually operated wheel hoe, the anthropometric parameter is called:
   a) Knee length
   b) Elbow length
   c) Metacarpal length
   d) Axillary length
   Grade: Score 2
   Accepted Answers:
   c) Metacarpal length

8. A manually operated wheel hoe is operated at 1.2 km/h and the height of the handle from the center of the wheel is 225 mm. If the angle of inclination of the handle of the wheel base with vertical is 60°, then the length of the handle is equal to:
   a) 164 cm
   b) 156 cm
   c) 168 cm
   d) 186 cm
   Grade: Score 2
   Accepted Answers:
   a) 164 cm

9. Type of mechanized weeding but mostly suitable for low land paddy field is known as:
   a) Wheat harrow
   b) Drum foot type
   c) Cross weeder
   d) Double plough type
   Grade: Score 2
   Accepted Answers:
   c) Cross weeder

10. An anthropic sensor is a sensor that measures the distance of an object using:
    a) Infrared Radiation
    b) High frequency sound pulses
    c) Light waves
    d) Magnetic pulses
    Grade: Score 2
    Accepted Answers:
    a) Infrared Radiation