Week 3 Assignment 3

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

Due on 2018-09-05, 23:59 IST.

1) In Down the hole drill, the piston strikes on the _______ to transfer energy.  
   (a) Bit  
   (b) Drill  
   (c) Adaptor  
   (d) None of these

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(a) Bit

2) Tri-cone drill bit is a type of  
   (a) cross bit  
   (b) button bit  
   (c) rotary roller bit  
   (d) button drag bit

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(c) rotary roller bit

3) Parallel holes at right angles to the face with some holes uncharged are associated with shot hole pattern of ___________.  
   (a) Drag cut  
   (b) Wedge cut

Score: 0

Accepted Answers:
4) The starting point of a vertical shaft at the grounding surface is called ________  
   (a) Collar  
   (b) Heading  
   (c) Inset  
   (d) Scaffold  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   (a) Collar

5) Which type of drilling is the reliable way of exploratory drilling carried out prior to Mining?  
   (a) Rotary-percussive drilling  
   (b) Percussive drilling  
   (c) Rotary drilling  
   (d) Hydraulic drilling  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   (c) Rotary drilling

6) Which cut pattern is not dependent on the opening dimensions in underground rock excavation?  
   (a) Burn cut  
   (b) Pyramid cut  
   (c) Wedge cut  
   (d) Fan cut  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   (a) Burn cut

7) One half of the wedge cut has resembles with which of the following cut pattern?  
   (a) Burn cut  
   (b) Pyramid cut  
   (c) Fan cut  
   (d) Coromant cut  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   (c) Fan cut

8) Match the following  
   P. Drag cut   1. Parallel cut  
   Q. Burn cut   2. Horizontal half wedge cut  
   R. Pyramid cut 3. Vertical half wedge cut  
   S. Fan cut    4. Double wedge cut
9) The operating conditions of a rotary rock drill are: applied thrust: 6.75 kN, revolution: 180 rpm and penetration rate: 0.15 m/min. The work done per revolution in N-m is ________.

No, the answer is incorrect.
Score: 0
Accepted Answers:
(c) P-3, Q-1, R-4, S-2

10) The following figure represents top view and side view of which cut pattern?

(a) Drag cut
(b) Wedge cut
(c) Pyramid cut
(d) Fan cut

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b) Wedge cut

11) The following figure represents top view and side view of which cut pattern?

(a) Drag cut
(b) Wedge cut
(c) Pyramid cut
(d) Fan cut
The following figure represents top view and side view of which cut pattern?

1. Drag cut
2. Coromant cut
3. Fan cut
4. Spiral cut

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a) Drag cut