Assignment 2

Due on 2019-03-13, 23:59 IST

The deadline for submitting this assignment has passed.

For our records you have not submitted this assignment.

1) Which of the following is not a tool parameter in Turning Process?
   - Cutting Speed
   - Feed
   - Nose angle
   - Depth of cut

   Accepted Answers:
   - Depth of cut
   - Score: 1

2) Larger tool angles cause _______
   - Lower cutting forces
   - Surface Finish improves
   - Decreased Power consumption
   All of these

   Accepted Answers:
   - All of these
   - Score: 1

3) Higher Flank angle leads to weakening of tool.

   Accepted Answers:
   - True
   - Public
   - No, the answer is incorrect.

4) Active load of large size nucleus plates?
   - Decrease Cutting forces and Power
   - Increase Cutting forces and Power
   - Chatter in the tool
   - both (a) and (c)

   Accepted Answers:
   - both (a) and (c)
   - Score: 1

5) Which of these is not associated with single point cutting tool?
   - Blade cutting edge angle
   - Nose angle
   - Chisel angle
   - Clearance angle

   Accepted Answers:
   - Nose angle
   - Score: 1

6) Work done due to shear in (in the axial instability)?
   - Fxu
   - Fxu
   - Fyu
   - Fxu + Fyu

   Accepted Answers:
   - Fxu + Fyu
   - Score: 1

7) Test geometry of a single point cutting tool is specified by the following elements?
   - rake angle
   - nose radius
   - negative rake angle
   - positive cutting edge angle
   - negative rake angle

   Accepted Answers:
   - rake angle
   - Score: 1

8) In A-50 system, if the tool wearoccurs at 8-9-10-12-21/min, then the back rake angle will be?
   - 8°
   - 9°
   - 10°
   - 11°

   Accepted Answers:
   - 9°
   - Score: 1

9) The strength of a single point cutting tool doesn't depend upon?
   - Rake angle
   - Clearance angle
   - Lip angle
   - Noise of these

   Accepted Answers:
   - Lip angle
   - Score: 1

10) Which of the following assumption is not valid for machined小子代 slogan?
    - Continuous Chip with n=1
    - Cutting edge overtake shear
    - Continuous Chip
    - Discontinuous chip

    Accepted Answers:
    - Discontinuous chip
    - Score: 1