Die Cutting Unit Quiz

* Required

1. Email address *

2. how much higher is ejection rubber than steel rule * 4 points

Mark only one oval.

- 1/16 to 1/8 in
- 1/8 to 1/4
- 1/4 to 3/8
- 3/8 to 1/2

3. What is typical steel rule thickness? * 4 points

Mark only one oval.

- 2 point
- 4 point
- 6 point
- 9 point

4. What are the 3 gs of die cutting? * 4 points

Mark only one oval.

- gripper, guide, grain
- Grendel, Gandolf, Gwendoline
- guards, gates, gerbers
- galley, gather, gussett

5. What is the thickness of the die board? * 4 points

Mark only one oval.

- 5/8"
- 1/2"
- 3/8"
- 7/8"

6. What is the bevel angle of the cutting rule? * 4 points

Mark only one oval.

- 60 degrees
- 45 degrees
- 90 degrees
- 30 degrees

7. Bleeds need to extend past die line by this length? * 4 points

Mark only one oval.

- 1/8"
- 3/8"
- 5/8"
- 1/2"

8. What is the height of the steel rule? * 4 points

Mark only one oval.

- .918"
- .715"
- .618"
- .815"

9. What device cuts, notches, and bends the steel rule to shape? * 4 points

Mark only one oval.

- automated rule processor
- automated rule knotcher
- automated rule knicker
- automated rule recycler

10. What are some of the benefits of steel rule dies? * 4 points

Mark only one oval.

- less expensive and quicker to make
- faster and longer lasting
- more expensive but quicker to make
- less expensive but slower to make

11. What does blanking do? * 4 points

Mark only one oval.

- removes the finished product from the press sheet
- removes the artwork from the sheet
- removes the cut out windows only
- removes quality defects

12. What are bridges? * 4 points

Mark only one oval.

- interruptions in the cut of the die board so the steel rule doesn't completely fall through the die board
- interruptions in the die board so that waste can fall through
- interruptions in the die board so that the ejection rubber has room to move
- interruptions in the cut of the die board and the steel rule so the steel rule can be pushed all the way out of the die board

13. What is the die board made of? * 4 points

Mark only one oval.

- special plywood designed to not warp or deform
- redwood only
- steel so that it does not warp or deform
- any material can be used

14. What is the die line? * 4 points

Mark only one oval.

- thin outline cut in the die board where steel rule will be placed
- the vertical storage system the dies are held in
- the name of the layout number
- the counter plates in the blanker

15. What are the die line requirements? * 4 points

Mark only one oval.

- all elements need to be marked (fold, perforations, cuts, creases)
- all elements need to be removed (fold, perforations, cuts, creases)
- all elements need to be minimized (fold, perforations, cuts, creases)
- all elements need to be filed (fold, perforations, cuts, creases)

16. What is a lockup? * 4 points

Mark only one oval.

- ◯ process of inserting a die into a metal frame (chase) and then mounting it into the press
- ◯ process of incarcerating a citizen convicted of a crime
- ◯ process of inserting a steel rule into the cutting die
- ◯ process of inserting a die into a feeder and then running the press

17. What is nesting? * 4 points

Mark only one oval.

- ◯ technique of fitting pieces together as close as possible on one sheet
- ◯ making yourself at home
- ◯ fitting pieces as far apart on the sheet as possible to balance it.
- ◯ technique of fitting a sheet size to an existing layout

18. What are nicks * 4 points

Mark only one oval.

- ◯ deliberate flaws in cutting rule so that the paper doesn't completely come off and jam the press
- ◯ unintentional flaws in cutting rule so that the paper doesn't completely come off and jam the press
- ◯ deliberate flaws in cutting rule so that the paper comes completely come off and jam the press
- ◯ unintentional flaws in cutting rule so that the paper comes completely come off and jam the press

19. What are notches? 4 points

Mark only one oval.

- cut-outs in the steel rule that correspond with the bridges
- cut-outs in the steel rule to allow perforations
- creases in the steel rule that corresponds with folds
- creases in the steel rule that correspond with glue assists

20. What are the primary die cutting concerns? * 4 points

Mark only one oval.

- size, intricacy, length of run
- paper, ink, coatings
- delivery date, operator, shift
- binding, sheeting, mixing

21. What are the most common steel rule die uses? * 4 points

Mark only one oval.

- folding cartons, corrugated, point of purchase
- raffle tickets, flyers, letterheads
- business cards, mailers, bookmarks
- table tents, menus, post cards

22. What is stripping in die cutting? * 4 points

Mark only one oval.

- removes paper waste from the press sheet
- removes the rule from old cutting dies for recycling
- removes poor quality cartons
- removes slip sheets

23. Which is NOT an advantage of platen die cutting? * 4 points

Mark only one oval.

- it is inexpensive
- it is very fast
- it is very accurate
- It can't cut through very thick materials

24. The feeder of a die cutting press is similar to...? * 4 points

Mark only one oval.

- an offset press
- a folder/gluer
- a sheeter
- a plate setter

25. Keeping even pressure on the die cutting press is important for...? * 4 points

Mark only one oval.

- ◯ the usable life of the die
- ◯ the substrate
- ◯ the quality of the printing
- ◯ maintaining the correct gripper

26. A cutting die in the cutting press cuts into the sheet from....? * 4 points

Mark only one oval.

- ◯ the top
- ◯ from the bottom
- ◯ the stripping unit
- ◯ any angle.