

These are sample MCQs to indicate pattern, may or may not appear in examination

University of Mumbai
Online Examination 2020

Program: TE Mechanical Engineering

Curriculum Scheme: Revised 2016

Examination: Third Year Semester V

Course Code: MEDLO5011 and Course Name: Press Tool Design

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	the operation which is required to remove wrinkle and curvature on the strip during feeding is called as
Option A:	Straightening
Option B:	unwinding
Option C:	feeding
Option D:	cutting
Q2.	Which of the following parts is used for holding the metal sheet during blanking operation?
Option A:	Spherical steel ball
Option B:	Roller
Option C:	Pressure pad
Option D:	Magnet
Q3.	For strippers, following material is used.
Option A:	Aluminum
Option B:	copper
Option C:	cold rolled mild steel
Option D:	Cast iron
Q4.	In which of the following process the work piece is pulled through a die resulting in reduction of area?
Option A:	Forging
Option B:	Drawing
Option C:	Forming
Option D:	Extrusion
Q5.	Already cut blanks are fed mechanically from one station to other station type of dies is called as

Option A:	Simple dies
Option B:	Progressive dies
Option C:	Compound dies
Option D:	Transfer dies
Q6.	Following hammer is used for smoothening of sheets
Option A:	Square face hammer
Option B:	Raising hammer
Option C:	Riveting hammer
Option D:	Mallet
Q7.	the surface of a cutting die between its cutting edge and the beginning of the relief provided for cutting hard materials is called as
Option A:	Angular Clearance
Option B:	Clearance hole
Option C:	land
Option D:	Straight land
Q8.	the distance between successive blanks in a scrap strip layout is called as
Option A:	Scrap bridge
Option B:	Front scrap
Option C:	back scrap
Option D:	feed
Q9.	After the completion of cutting action, the blank is ejected by the following element out of cutting edge that may be jammed.
Option A:	stock stop
Option B:	knockout plate
Option C:	stock guide
Option D:	pilots
Q10.	Wall thickness of drawn cup is controlled by
Option A:	Deep drawing
Option B:	Reverse Drawing
Option C:	Redrawing
Option D:	Ironing
Q11.	A dies which is designed to perform only one specific operation like blanking, punching, notching, trimming etc.
Option A:	Compound dies
Option B:	Progressive dies
Option C:	Simple dies
Option D:	combination dies
Q12.	Have flat jaws with small groves and are used for forming and holding work. What is the tool?

Option A:	Round Nose Pliers
Option B:	Flat Nose Pliers
Option C:	Slip-Joint Pliers
Option D:	General Pliers
Q13.	the operation of removing thin strip along the edges of a component is called as
Option A:	Trimming
Option B:	Perforating
Option C:	piercing
Option D:	shaving
Q14.	in reducing the cutting forces, the punches are so arranged that one does not enter the material until the one before it has penetrated through, that method is called as
Option A:	Angle of shear
Option B:	Relief angle
Option C:	Straight land
Option D:	Staggering of punches
Q15.	To protect your eyes, you have to wear:
Option A:	Safety shoes
Option B:	Overall
Option C:	Safety Glasses
Option D:	Helmet
Q16.	As the reduction increases, drawing force must be?
Option A:	Decreases
Option B:	Increases
Option C:	Does not change
Option D:	First increases and then decreases
Q17.	Following die is used to create a different design on each side of work piece
Option A:	Coining die
Option B:	Embossing die
Option C:	Trimming die
Option D:	Shaving die
Q18.	In drawing, spinning and bending operations
Option A:	Shear stress is involved
Option B:	Tensile stress is involved
Option C:	Compressive stress is involved
Option D:	Both compressive and tensile stresses are involved
Q19.	In bending operation, the metal takes shape of following element.
Option A:	Die

Option B:	Punch holder
Option C:	Punch
Option D:	Die holder
Q20.	the element which is used to accurately locate the strip by engaging the holes pierced in the first station in progressive die is called as
Option A:	Pilot
Option B:	stop
Option C:	Gages
Option D:	Stripper plate
Q21.	In the deep drawing of cups, blanks show a tendency to wrinkle up around the periphery (flange). The most likely cause and remedy of the phenomenon are respectively,
Option A:	Buckling due to circumferential compression: increase blank holder pressure
Option B:	High blank holder pressure and high friction: reduce blank holder pressure and apply lubricant
Option C:	high temperature causing increase in circumferential length :apply coolant to blank
Option D:	Buckling due to circumferential compression: decrease blank holder pressure
Q22.	Which of the following die is used in drawing flat strips?
Option A:	Square shaped
Option B:	Rectangular shaped
Option C:	Circular shaped
Option D:	Wedge shaped
Q23.	Length of the blank + scrap bridge(in case of Narrow Run) is
Option A:	Advance of strip
Option B:	front scrap
Option C:	Back Scrap
Option D:	Scrap bridge
Q24.	while drawing the scrap strip layout, when the blank is placed horizontally, that layout is called as
Option A:	Narrow run
Option B:	Wide run
Option C:	Angular run
Option D:	long run
Q25.	the element which is located near diagonally opposite corners of the die block, for maximum locating effect for fixing die over the lower shoe is called as
Option A:	Dowel pins
Option B:	Studs
Option C:	Nut
Option D:	Bolt

