

- Q.24 Write the advantage of single point cutting tool.
 - Q.25 Explain principle of drilling.
 - Q.26 Differentiate between single point cutting tool and multipoint cutting tool.
 - Q.27 Write the advantages of twist drill (any five).
 - Q.28 Explain principle of turning.
 - Q.29 Define different types of feeds.
 - Q.30 Explain surface grinding.
 - Q.31 Write the uses of boring machines (any five).
 - Q.32 Explain boring parameters.
 - Q.33 Write the advantages of grinding.
 - Q.34 Explain central store system.
 - Q.35 Differentiate between jigs and fixtures

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain any five cutting operations with neat sketch.

Q.37 Explain principle parts of a bending machine with the help of neat sketch.

Q.38 Define milling. What are its different types? Explain.

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Subject:- Workshop Technology - I

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Milling cutter is a

 - Multipoint cutting tool
 - Rotary motion tool
 - Both (a) and (b)
 - None of these

Q.2 In which operation, motion of job is rotary and motion of cutting tool is forward translating?

 - Turning
 - Planning
 - Milling
 - All of these

Q.3 Which type of job motion is there in drilling operation?

 - Rotary
 - Translating
 - Fixed
 - All of these

Q.4 The cutting edges of a standard twist drill are

 - Flutes
 - Lips
 - Flanks
 - None of these

- Q.5 In which type if operation, motion of cutting tool is translating?
a) Drilling and milling
b) Milling and turning
c) Boring and drilling
d) Turning and planning
- Q.6 In which type of operation, motion of cutting tool is rotary as well as translating?
a) planning b) Milling
c) Drilling d) Turning
- Q.7 The process of enlarging a hole is
a) Boring b) Drilling
c) Reaming d) None of these
- Q.8 Which type of surface is produced by turning operation in lathe machine?
a) Flat b) Cylindrical
c) Taper d) None of these
- Q.9 Taper turning can be done by
a) Swiveling compound rest
b) Taper turning attachment
c) Forming tool
d) All of these
- Q.10 Which machine tool is known as the mother machine tool?
a) Drill b) Milling
c) Lathe d) All of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define sawing.
Q.12 Define punching.
Q.13 Define drilling.
Q.14 Tool life _____ as the cutting speed increases.
Q.15 Punching a number of holes in a sheet is known as _____.
Q.16 Name any one single point cutting tool.
Q.17 Shearing the sheet into two or more pieces is known as _____.
Q.18 The taper surfaces are represented by _____.
Q.19 For drilling on lathe, the drill is held in _____.
Q.20 Shaper uses _____ point cutting tool.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Name any four cutting tool operations.
Q.22 Explain center drilling.
Q.23 Explain various types of cutting tools in lathe.