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1. Shaping can be performed more effectively by _____ milling machine.

- a) horizontal
- b) vertical
- c) can't say anything
- d) none of the mentioned

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Answer: b

Explanation: Vertical milling machines are of two types: bedmill and turret mill and due to its construction features these vertical type milling machines can be performed easily.

2. Surfacing can be performed more effectively by _____ milling machine.

- a) horizontal
- b) vertical
- c) can't say anything
- d) none of the mentioned

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Answer: b

Explanation: Surfacing can be performed more effectively by vertical milling machine. This machine has a spindle. It rotates in vertical direction over the table.

3. Form cutting can be performed more effectively by _____ milling machine.

- a) horizontal
- b) vertical
- c) can't say anything
- d) none of the mentioned

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Answer: a

Explanation: Form cutting can be performed more effectively by horizontal milling machine. The spindle in the horizontal milling machine is mounted on the horizontal arbor above the table.

4. Slab milling can be performed more effectively by _____ milling machine.

- a) horizontal
- b) vertical
- c) can't say anything
- d) none of the mentioned

View Answer

Answer: a

Explanation: Slab milling can be performed more effectively by horizontal milling machine. This slab mill is also used in gang milling.

5. Drilling can be performed more effectively by _____ milling machine.

- a) horizontal
- b) vertical
- c) can't say anything

d) none of the mentioned

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Answer: b

Explanation: In vertical milling, the workpiece is held by a horizontal table and this horizontal table rotates about a vertical axis. There are non-rotating tools which can be fed by crossrail and then drilling operation is performed which is more effective in nature.

6. Boring can be performed more effectively by _____ milling machine.

a) horizontal

b) vertical

c) can't say anything

d) none of the mentioned

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Answer: b

Explanation: Vertical boring milling is more effectively as it has wide application in ring gear blanks, turbine casting and locomotive tires and so on.

7. Dovetailing can be performed more effectively by _____ milling machine.

a) horizontal

b) vertical

c) can't say anything

d) none of the mentioned

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Answer: b

Explanation: As per the classification of milling operations. Dovetailing means joint something like link together with the help of dovetail.

8. Straddle milling can be performed more effectively by _____ milling machine.

a) horizontal

b) vertical

c) can't say anything

d) none of the mentioned

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Answer: a

Explanation: Sometimes we machine two or more vertical parallel surfaces at a single cut, this type of operation is known as straddle milling. Horizontal milling can perform it more nicely.

9. Angular milling can be performed more effectively by _____ milling machine.

a) horizontal

b) vertical

c) can't say anything

d) none of the mentioned

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Answer: c

Explanation: Angular milling is a type of milling that mills flat surfaces which are neither parallel or perpendicular to the axis of milling cutter. It is performed more accurately by both milling machines: horizontal and vertical.

10. Cutting T-slots can be performed more effectively by _____ milling machine.

- a) horizontal
- b) vertical
- c) can't say anything
- d) none of the mentioned

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Answer: b

Explanation: This process depends upon the size of the T bolts which are going to be used and its typical milling process which can be performed by vertical milling more effectively.