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Score: 16/29 (55.17%)

Code: 3754

1. Which drilling machine is used to drill multiple holes in one setting of work?

- A) Hand drilling machine B) Pillar drilling machine
 C) Column drilling machine **D) Radial drilling machine (Correct)**

2. What is the unit of cutting speed?

- A) Meter per minute** B) Meter per second
 C) Centimetre per minute (Incorrect) D) Centimetre per second

3. Which part of a drill is fitted on the machine?

- A) Point B) Flute (Incorrect)
C) Shank D) Body

4. What is the name of the angle between the cutting edges in a drill?

- A) Helix angle B) Rake angle
 C) Clearance angle (Incorrect) **D) Point angle**

5. Which type of abrasive removes heavy stock of material?

- A) Emery sheet B) Borom carbide
 C) Aluminium oxide **D) Silicon carbide (Correct)**

6. What is the formula for calculating the drill size for reaming?

- A) Drill size=Reamed size- (Under size-over size) B) Drill size=Reamed size+ (Under size + over size)
C) Drill size=Reamed size- (Under size +over size) D) Drill size=Reamed size- (Under size x over size) (Incorrect)

7. What is the material used in hand reamer?

- A) Mild steel B) Brass (Incorrect)
C) H. S.S D) Cast iron

8. Which device is used to hold straight shank drill?

- A) Stock **B) Chuck (Correct)**
 C) Sleeve D) Socket

9. Which drilling machine used to drill small dia holes upto 6 mm?

- A) Bevel gear hand drill** B) Pneumatic hand drill

C) Electric hand drill light duty (Incorrect)

D) Electric hand drill heavy duty

10. Which drilling machine achieves various spindle speed by changing the belt position?

- A) Pillar drilling machine B) Radial drilling machine
 C) Column drilling machine **D) Sensitive bench drilling machine (Correct)**

11. Which type of vice is used to hold a job for drilling?

- A) Bench vice B) Leg vice
C) Machine vice (Correct) D) Hand vice

12. What is the selection of a tap drill size?

- A) Major Diameter + Pitch B) Major Diameter x Pitch (Incorrect)
 C) Major Diameter / Pitch **D) Major Diameter - Pitch**

13. Which taper used in the drilling machine?

- A) Pin taper B) Brown and sharp taper
 C) Metric taper **D) Moarse taper (Correct)**

14. Which part of drill forms a cutting edge?

- A) Land (Incorrect) B) Point
C) Flute D) Body

15. Which part of drill separates the flutes?

- A) Lip B) Land
 C) Cutting edge **D) Web (Correct)**

16. Which angle of drill bit prevents the friction behind the cutting edge?

- A) Point angle (Incorrect) B) Rake angle
C) Clearance angle D) Helix angle

17. Which tap in a set have 4 Degree chamfer at its end?

- A) Intermediate tap B) Plug tap
C) Taper tap (Correct) D) Bottoming tap

18. Which tool is used in to make internal threading in the component?

- A) Reamer (Incorrect) B) Drill
 C) Die **D) Tap**

19. What is the uses of hand tap?

- A) To make external thread **B) To make internal thread (Correct)**
C) To bevel at the hole end D) To make enlarge hole

20. Which type of the tap wrench prevent damage to the taps?

- A) Pipe wrench B) Tension wrench
C) Solid wrench (Correct) D) Torque wrench

21. Which tool is used to make external thread on the pipe?

- A) Tap B) Drill
C) Die D) Reamer (Incorrect)

22. Which is used to hold the die?

- A) Wrench B) Spanner
C) Stock D) Chuck (Incorrect)

23. Which is the multipoint cutting tool?

- A) Chisel B) Scraper
C) Reamer (Correct) D) Snips

24. What is the purpose of reamer?

- A) drilling holes in thin sheets B) drilling deep holes

C) removing burrs

D) enlarging and finishing holes (Correct)

25. Which is the hardest abrasive material?

- A) Diamond (Correct)** B) Boron carbide
C) Silicon carbide D) Aluminium oxide

26. Which process improves the sealing between the mating parts?

- A) Filling B) Grinding
C) Reaming **D) Lapping (Correct)**

27. What is the reason for weak cutting edge of twist drill?

- A) Clearance angle is too small (Incorrect) **B) Clearance angle is too high**
C) Lib angle is too small D) Lib angle is too high

28. What is the reason for twist drill does not cut?

- A) Clearance angle is too small (Correct)** B) Clearance angle is too high
C) Rake angle is too small D) Rake angle is too high

29. What will be the effect on the hole if worn out reamer is used?

- A) Oversize **B) Undersize (Correct)**
C) Correct size D) Normal size