

# Practice Paper

- Q.1** \_\_\_\_ is not a method of gear forming: a) Extrusion b) Stamping c) Hobbing d) Casting
- Q.2** In grinding wheel with specification C16N5V10 grade element is represented by: a) C b) 16 c) N d) V.
- Q.3** Give the name of any two gear finishing methods.
- Q.4** What are different type of material used for abrasive in grinding wheel?
- Q.5** Define truing.
- Q.6** \_\_\_\_ is not an unconventional machining process: a) USM b) Drilling c) EDM d) LBM
- Q.7** The recrystallization temperature is generally: a)  $T_m$  b)  $0.3T_m$  c)  $1.3T_m$  d) None of these
- Q.8** Give three example of modern machining process
- Q.9** EDM stands for \_\_\_\_.
- Q.10** Define press working.
- Q.11** Honing is used for finishing cylindrical surfaces: a) External b) Internal c) Both a and b d) None of these
- Q.12** Which of the following is not a surface finishing process: a) Lapping b) Grinding c) Boring d) Buffing
- Q.13** Name two methods of cleaning surfaces.
- Q.14** The process of providing a thin layer of zinc coating on iron and steel is called \_\_\_\_.
- Q.15** Define following i) forging ii) Rolling
- Q.16** What is gear? Explain different type of gear with the help of simple and neat sketch?
- Q.17** Explain the five important elements of grinding wheel?
- Q.18** Explain in brief different methods of gear finishing.
- Q.19** What is precision grinding? Explain surface grinding with the help of neat sketch.
- Q.20** Explain the working principle of gear hobbing with the help of neat sketch. Give it merits and demerits.
- Q.21** What is centerless grinding? Explain its two types with the help of neat sketch?
- Q.22** Explain the principle of USM with the help of neat sketch?
- Q.23** Explain the working principle of electrochemical machining process with the help of neat sketch?
- Q.24** Explain the working and principle of laser beam machining process with the help of neat sketch?
- Q.25** Define Press working? Explain basic terms used in press working.
- Q.26** Explain the working principle of EDM with the help of neat sketch. Give it merits and demerits.
- Q.27** Explain any five press operation with the help of neat sketch.
- Q.28** Define Extrusion and its different types with the help of neat sketch.
- Q.29** What is buffing process. Give purpose and application of buffing process
- Q.30** Explain wire gun method of metal spraying with the help of neat sketch.
- Q.31** What is lapping process? Explain its different types with the help of neat sketch.
- Q.32** Explain in brief with the help of neat sketch: i) Galvanizing ii) Electroplating
- Q.33** Explain different type of dies with the help of neat sketch