

- Q.6 What are the processes where AJM can be used ?
 a) Cleaning b) Cutting
 c) Debussing d) All of the above
- Q.7 In which process masking is used on the component to be machined ?
 a) EBM b) ECM
 c) CM d) LBM
- Q.8 In which categories explosive are used in highest amount?
 a) Coal mining b) metal mining
 c) non-metal mining d) Construction
- Q.9 Souecse used in thermal macchining are _____.
 a) Ions b) Plasma
 c) Electrons d) All of the above
- Q.10 Which is not an explosive material?
 a) KCN b) RDX
 c) TNT d) PETN

SECTION-B

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

- Q.11 An explosive forming method in which an explosive charge is placed at a certain height above the surface of the workpiece is called _____.
- Q.12 In Ecm tool does not touch the workpiece.
 (True/False)

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- Q.13 _____ is a method of protecting one metal by forming a layer of a second metal on to its surface by using techniques such as diffusion deformation and lasers.
- Q.14 The finer resilution in lithography can be obtained by using _____.
- Q.15 Photolithography is a type of patterning technique .
 (True/False)
- Q.16 Electro-hydro forming process is also known as ____.
- Q.17 In which process a jet of water at very high velocity strike the surface of workpiece to be cut?
- Q.18 Under water welding also known as _____
 Welding involves welding at an elevated pressure.
- Q.19 In ECM heavy electrical sparks are created.
 (True/False)
- Q.20 _____ is a solid-state welding process which uses a controlled explosive detonation to force two dissimilar metals together at high pressure.

SECTION-C

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

- Q.21 What are the process parameters of EDM? Explain.
- Q.22 Draw the neat sketch of Electro-Chemical Machining process.
- Q.23 Write the applications of IBM.
- Q.24 Write short note on water hammer forming.
- Q.25 Describe the future possibilities of unconventional machining processes

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