

- Q.4 Milling cutter is a (CO4)
 a) Single point cutting tool
 b) Multipoint cutting tool
 c) Single bit cutting tool
 d) None of above
- Q.5 While milling cast iron, coolants used is- (CO5)
 a) Dry air b) Soluble oil
 c) Mineral oil d) None of above
- Q.6 Which of the following is a gear finishing process? (CO6)
 a) Lapping b) Gear hobbing
 c) Gear shapping d) All of above
- Q.7 The common abrasive used in ultrasonic machining. (CO6)
 a) Corundum b) Silicon Carbide
 c) Boron carbide d) All of above
- Q.8 The principle used in electro-chemical machining is (CO7)
 a) Faraday b) Newton
 c) Fleming d) None
- Q.9 Which of the following is a method of measurement of surface roughness (CO9)
 a) Centre line average b) Root mean square
 c) Both A & B d) None of above
- Q.10 In oil Paint, turpentine oil is (CO2)
 a) Base b) Vehicle
 c) Pigment d) Solvent

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Section-B

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

- Q.11 Name two milling methods. (CO2)
 Q.12 Define gang milling. (CO2)
 Q.13 Define material removal rate in milling. (CO4)
 Q.14 Name different gear finishing process. (CO3)
 Q.15 Define Pinion. (CO2)
 Q.16 Write advantages of gear shapping. (CO6)
 Q.17 Write full form of LASER. (CO7)
 Q.18 Define Lapping. (CO9)
 Q.19 What is ultrasonic machining? (CO7)
 Q.20 Define truing of grinding wheel. (CO5)

Section-C

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

- Q.21 Compare milling machine with engine lathe. (CO2)
 Q.22 Draw neat sketch of Knee and column type milling machine. (CO7)
 Q.23 Define Gear. What are its types? Explain them. (CO4)
 Q.24 What is Gear hobbing? Explain. (CO6)
 Q.25 How is grinding wheel selected? (CO2)
 Q.26 What is thread grinding? Explain different types. (CO4)
 Q.27 What are functions of abrasive in grinding wheel? Name two types. (CO7)

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