

QUESTION BANK

Fitting Shop

1. What is the importance of workshop?
2. What do you mean by safety in workshop?
3. Name the different shops?
4. Name the machines you know?
5. Name of any five measuring instruments
6. Define the terms: Fitting and Bench work.
7. Classify hacksaw blades
8. Which tools are used in fitting shop?
9. What is the use of centre punch?
10. What is the use of try square?
11. Differentiate between 'Cross filing' and 'Draw filing'
12. What is the difference between ferrous and nonferrous metal
13. What's the composition of MS Material?
14. What is the name of material used in fitting shop?
15. What is the purpose of soft hammer in fitting shop?
16. What is meant by drilling?
17. What are the different methods of filing?
18. What is the name of vice used in fitting shop?
19. Differentiate between cross-peen hammer and straight-peen hammer.
20. Name the different files?
21. What is the use of outside spring caliper?
22. What is the use of outside micrometer?
23. What is the function of tapping tool?
24. Which are the sequences of operation have you performed to making a job in Fitting job?
25. Name Marking and measuring tools used in Fitting
26. What is the purpose of Marking?

Carpentry Shop

1. What are different types of timber used?
2. What is the difference between marking gauge and marking knife?

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3. Name some holding, marking, measuring, cutting, planning and finishing tools for carpentry shop.
 4. Name the carpentry process?
 5. What is the difference between soft wood and hard wood?
 6. How will you classify wood?
 7. Classify the tools used in carpentry shop? What is seasoning?
 8. Name the different process of seasoning?
 9. Name any two types of hammers used in carpentry shop?
 10. What is morstise chisel?
 11. Write any five advantages of wood over the other materials.
 12. What is joinery and how the wood joints are classified?
 13. What are basic requirements of good timber?
 14. What is plywood?

Welding Shop

1. What is welding?
2. Classify different types of welding processes
3. Name the welding tools used in workshop?
4. Which is the welding process you have carried out in workshop?
5. Name the types of welding?
6. Define base metal.
7. What is an electrode?
8. Classify different types of electrodes.
9. How arc is generating in welding process?
10. Difference between current and voltage.
11. What is meant melting point
12. Which are the Welding Tools and Safety Equipments used in the welding shop?
13. Why flux coated over a welding rod?
14. What is the approximate temperature require while welding Mild steel?
15. What is meant by Butt welding?
16. What is the use of hand shields?
17. What is the difference between welding and soldering?
18. Explain temporary joining and permanent joining.
19. What are the applications of welding?
20. What is flux?
21. Name some of the sources available for heating in arc-welding process.
22. What is the function of Step down Transformer?
23. What is DCSP? OR DCEN-Direct current Electrode Negative.
24. What is the difference between electrode and filler metal.
25. Specify a welding electrode, you have used during workshop practice.
26. What is the material of flux used in the electrode?

Forging Shop

1. Define Forging operation.
2. Define hand forging
3. Define power forging
4. Mention tools and equipments used in hand forging operations.
5. Mention role of anvil during hand forging operation.
6. What is swage block and what is the function of swage block?
7. From which material hammer is made?
8. What is different between smithing and forging?
9. What is the function of forging temperature?
10. How a forging is classified?
11. What are different tools used in forging shop.
12. Give the applications of forging?

Foundry Shop

1. Define the foundry shop?
2. Classify different types of casting processes.
3. Mention application of casting processes.
4. Which are the different types of tools used during preparing a mould?
5. Define the pattern, mould ,core, core-print, casting
6. Name different types of pattern materials.
7. How will you classify moulding materials?
8. How will you select moulding materials?
9. What are different properties of sand?
10. Explain porosity, flow-ability, cohesiveness, refractoriness?
11. How are moulding sand classified?
12. What is green sand, dry sand, facing sand, parting sand?
13. What are different types of hand tools used in foundry shop?
14. What are the properties of core sand?
15. What are the types of cores?
16. What are types of moulding boxes?
17. What is the function of ramming?
18. What are the functions of moulding machines?
19. How cupola furnace works?
20. What are the ingredients of moulding sand?

