

TRADE : FITTER-Jr.

MONTHLY TEST : WEEK NO. 13 TO 16

DATE :

SEAT NO :

TOTAL MARKS : 100 TIME : 2 Hrs. PAPER-I

TRADE CODE : 453

Note : Attempt all the questions. All questions carry equal marks

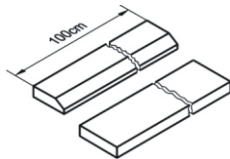
1. What is the name of the tool used in sheet metal for scribing large circles?

- A) Snips B) Trammel
C) Steel rule D) Ball pein hammer

2. Which material is used to make hand groover?

- A) Cast iron B) High speed steel
C) Cast steel D) High carbon steel

3. What is the name of the device shown?



- A) Template B) Straight edge
C) Hatchet stake D) Straight snips

4. Which device is used to mark straight lines on a sheet metal surface?

- A) Trammel B) Try square
C) Straight edge D) Jenny caliper

5. Which shear is used to trim the edges of the pipes?

- A) Pipe shears B) Block shears
C) Bench shears D) Scotch shears

6. Which hammer is used for marking purpose?

- A) 1 kg ball pein hammer
B) 2 kg ball pein hammer
C) 250 grams ball pein hammer
D) 500 grams ball pein hammer

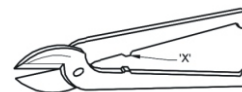
7. What is the name of the tool used to joint the sheet metal?

- A) Wing compass
B) Soldering iron
C) Tinman's square
D) Standard wire gauge

8. Which material is used to make stake of copper smith?

- A) Copper B) High speed steel
C) High carbon steel D) Medium carbon steel

9. What is the name of the part marked 'x'?



- A) Pivot B) Blade
C) Stopper D) Handle

10. Which material is used to make stake?

- A) Tool steel
B) High speed steel
C) High carbon steel
D) Forged mild steel or cast steel

11. Which stake is used for turning up flanges on metal discs?

- A) Pipe stake B) Funnel stake
C) Hatchet stake D) Halfmoon stake

12. What is the use of snips?

- A) To cut sheet metal up to 18 SWG
B) To cut sheet metal up to 20 SWG
C) To cut sheet metal up to 10 SWG
D) To cut sheet metal up to 24 SWG

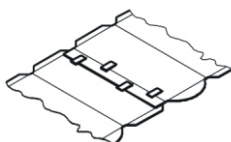
13. How mallets are specified?

- A) By the shape of the face
- B) By the diameter and weight
- C) By the shape of the face and weight
- D) By the diameter and the shape of the face

14. Which flux is used for soldering in stainless steel?

- A) Zinc chloride
- B) Phosphoric acid
- C) Hydrochloric acid
- D) Ammonium chloride

15. What is the name of the joint shown?



- A) Double seam
- B) Zigzag stake joint
- C) Plain dovetail seam
- D) Straight stake joint

16. What is the melting point of soft solder?

- A) 850°C
- B) 450°C
- C) 750°C
- D) 650°C

17. What is the percentage of lead and Tin in common solder?

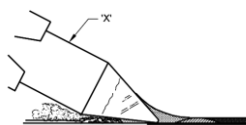
- A) Lead - 40% and Tin - 60%
- B) Lead - 70% and Tin - 30%
- C) Lead - 50% and Tin - 50%
- D) Lead - 60% and Tin - 40%

18. Which flux is used for soldering in copper?

- A) Zinc chloride
- B) Phosphoric acid
- C) Hydrochloric acid
- D) Ammonia chloride

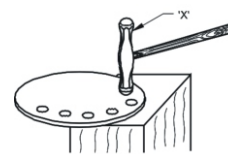
19. What is the name of the part marked 'x'?

- A) Liquid flux
- B) Base metal
- C) Solder liquid
- D) Soldering Bit



20. What is the name of the tool marked 'x'?

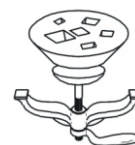
- A) Setting hammer
- B) Bullet hammer
- C) Hollowing hammer
- D) Stretching hammer



21. Which is the most commonly used flux for brazing ferrous and non ferrous metals?

- A) Borax
- B) Zinc chloride
- C) Phosphoric acid
- D) Ammonium chloride

22. What is the name of the tool shown?



- A) Bench plate
- B) Universal bench plate
- C) Tinman's anvil
- D) Revolving bench plate

23. Which flux is used for soldering in Gold?

- A) Zinc chloride
- B) Phosphoric acid
- C) Resin
- D) Tallow

24. Which flux is used for soldering in Tin?

- A) Killed spirits
- B) Phosphoric acid
- C) Hydrochloric acid
- D) Ammonium chloride

25. Which fuel is used in a portable hand forge for firing?

- A) Diesel
- B) Charcoal
- C) Petrol
- D) Kerosene

26. What is the name of the part marked 'x'?

- A) Pump
- B) Pressure release valve
- C) Filler cap
- D) Burner housing

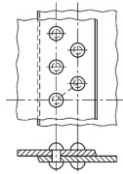


27. Which rivet is used in heavy structural work?

- A) Pan head rivet
- B) Counter sunk head rivet
- C) Snap head rivet
- D) Conical head rivet

28. What is the name of riveted joint shown?

- A) Single strap butt joint
- B) Single riveted lap joint
- C) Double Strap butt joint
- D) Double riveted (Zigzag) lap joint



29. Which tool is used to form the final shape of the rivet during riveting?

- A) Dolly
- B) Pop riveter
- C) Rivet snap
- D) Hand riveter

30. Which valve is connected to the mouth and control the flame in blow lamp?

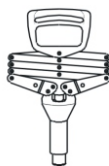
- A) Safety valve
- B) Solenoid valve
- C) Non return valve
- D) Pressure relief valve

31. The charcoal is prepared from -----.

- A) Wood
- B) Hard Wood
- C) Liquid
- D) Solid

32. What is the name of the tool shown?

- A) Lazy tong
- B) Riveting plier
- C) Lever hand tool
- D) Pneumatic blind riveter



33. Which rivets are designed to use as punches to penetrate fully or partially on both pieces of the metal?

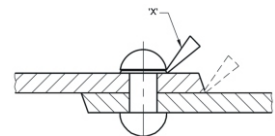
- A) Full tubular rivets
- B) Semi tubular rivets
- C) Metal piercing rivets
- D) Semi tubular metal piercing rivets

34. Which seam is an easy and convenient method of joining flanges to collars?

- A) Butt seam
- B) Double seam
- C) Grooved seam
- D) Dovetail seam

35. What is the name of the tool marked 'x'?

- A) Pop riveter
- B) Rivet snap
- C) Fullering tool
- D) Caulking tool



36. Which process is used to make the edges of the sheets strong and rigid?

- A) Braising
- B) Soldering
- C) Embossing
- D) Edge stiffening

37. What is the name of the soldered joint shown?

- A) Corner seam
- B) Knocked - up joint
- C) Paned - down joints
- D) Grooved or lock seam



38. Which fuel is used in blow lamp for producing a force full flame?

- A) Petrol
- B) Diesel
- C) Kerosene
- D) Charcoal

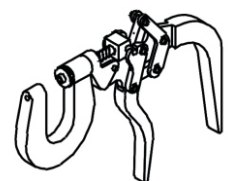
39. What is the name of the soldered joint shown?

- A) Lap joints
- B) Corner lap joint
- C) Abutting lap joint
- D) Jogged lap or sunk lap joint



40. What is the name of the tool shown?

- A) Dolly
- B) Rivet snap
- C) Pop riveter
- D) Hand riveter



41. What is the name of the rivet shown?

- A) Pan head rivet
- B) Flat head rivet
- C) Snap head rivet
- D) Counter sunk head rivet



42. Which riveted joint is the simplest and most commonly used type?

- A) Single strap butt joint
- B) Single riveted lap joint
- C) Double riveted lap joint
- D) Double riveted (Zigzag) lap joint

43. Which tool is used for setting and forming the head?----

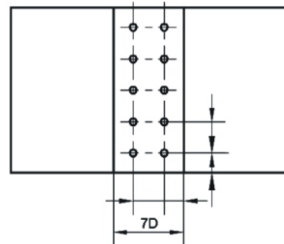
- A) Dolly
- B) Pop riveter
- C) Hand riveter
- D) Combined rivet set

44. Which tool is used to align the holes to be riveted?

- A) Dolly
- B) Rivet snap
- C) Drift
- D) Pop riveter

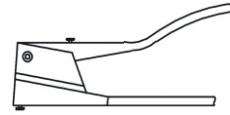
45. What is the distance from the edge of the metal to the centre of rivet in the riveted joint?

- A) 2D
- B) 3D
- C) 4D
- D) 5D



46. What is the name of tool shown?

- A) Dolly
- B) Rivet snap
- C) Pop riveter
- D) Hand riveter



47. In this countersunk solid rivets can be driven into the sheet steel upto 3.2 mm total thickness with out the need of a hole.

- A) Full tubular rivets
- B) Semi tubular rivets
- C) Metal piercing rivets
- D) Semi tubular metal piercing rivets

48. Which rivet is used where projection of the rivet head is to be avoided.

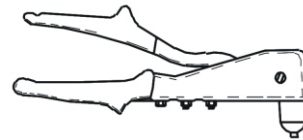
- A) Pan head rivet
- B) Counter sunk head rivet
- C) Snap head rivet
- D) Conical head rivet

49. Which tool is used for setting 1/8", 1/2" and 3/16" diameter standard open type blind rivets?

- A) Lazy tong
- B) Riveting plier
- C) Lever hand tool
- D) Pneumatic blind

50. What is the name of the tool shown?

- A) Lazy tongs
- B) Pneumatic blind riveter
- C) Riveting plier
- D) Lever hand tool



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Month -04

New Syllabus _2022

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Annual Pattern 1st Year NSQF Level- 4
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4.1**TRADE : FITTER-Jr.****MONTHLY TEST : WEEK NO. 13 TO 16**DATE : **PAPER-I**TRADE CODE : **453****TOTAL MARKS : 100****ANSWER KEY****Note : Attempt all the questions. All questions carry equal marks**

Q.No.	ANS
1	B
2	C
3	B
4	C
5	A
6	C
7	B
8	D
9	C
10	D
11	D
12	B
13	D
14	B
15	B
16	B
17	C
18	D
19	D
20	C
21	A
22	D
23	C
24	A
25	B

Q.No.	ANS
26	A
27	A
28	D
29	C
30	D
31	B
32	A
33	B
34	D
35	D
36	D
37	D
38	C
39	C
40	D
41	A
42	B
43	D
44	C
45	A
46	C
47	C
48	B
49	A
50	C