

MAHARASHTRA STATE BOARD OF VOCATIONAL EXAMINATION, MUMBAI

EXAMINATION – JANUARY 2013

CERTIFICATE COURSE IN OPERATION ON SHEET METAL (303118)

TIME ALLOWED – 3 Hrs.

MARKS – 100

SUBJECT – SHEET METAL (TH-I)

Instruction :- 1. Answer six questions but question no. 1 is compulsory

2. All questions carries equal marks.

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|------|---|----|
| Q.1. | Fill in the blanks of the below | 20 |
| | a. -----joint is leak proof joint. | |
| | b. -----is a tool used to cut thin sheet by hand. | |
| | c. Brass is an alloy of-----&----- | |
| | d. Copper is good conductor of -----&----- | |
| | e. Center punch grinding angle is ----- | |
| | f. Mallet are made of ----- | |
| | g. The compass is used for describing -----&----- | |
| | h. Zinc chloride is used for soldering ----- | |
| | i. Tap is used for -----Thread | |
| | j. One meter is equal to-----mm. | |
| Q.2. | a. What are the different types of rivets. Explain with neat sketch. | 08 |
| | b. What types of sheets used in S M W. Explain Briefly. | 08 |
| Q.3. | a. What is notch? | 08 |
| | b. Why coating is necessary on sheet. | 08 |
| Q.4. | a. What is parallel line method . | 08 |
| | b. What is flux | 08 |
| Q.5. | a. What are specified Files? | 08 |
| | b. Find out the length of the M.S. Sheet [6mm thick] to form a cylinder of 500 mm outer diameter. | 08 |
| Q.6. | Explain the following | 16 |
| | 1. Hemming | |
| | 2. Grooved Seam | |
| | 3. Malleability | |
| | 4. Standard wire gauge. | |
| Q.7. | Draw the neat sketches & Explain their uses. [Any four] | 16 |
| | 1. Ballpen Hammer | |
| | 2. S W G. | |
| | 3. Snip. | |
| | 4. Try Squar. | |
| | 5. Flat file. | |

