

6057

BOARD DIPLOMA EXAMINATION, (C-16)

MAY/JUNE—2023

DME - FIRST YEAR EXAMINATION

WORKSHOP TECHNOLOGY

Time : 3 Hours]

[Total Marks : 80

PART—A

3×10=30

- Instructions :** (1) Answer **all** questions.
(2) Each question carries **three** marks.
(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. List out six types of saws used in carpentry.
2. What is a tap? How are taps specified?
3. What are the advantages and disadvantages of forging?
4. Draw a neat sketch of anvil and name its parts.
5. List out the metals used in sheet metal work.
- * 6. Draw a neat sketch of file and label its parts.
7. List out the defects in casting.
8. Write the advantages and disadvantages of casting methods.
9. State the differences between hot working and cold working.
10. List out different types of hot working processes.

*

PART—B

10×5=50

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Explain any four carpentry processes performed in carpentry.
12. Explain different types of fitting operations.
13. Describe spring hammer with neat sketch.
14. Describe five types of stakes used in sheet metal work with sketches.
15. Draw and explain the working of sensitive drilling machine.
16. Describe the properties of moulding sand.
17. List out various types of cold working processes and explain any two with neat sketches.
18. Describe construction details of band saw.

★ ★ ★

*

*