

Midnapore City College  
 Fishery Science  
 BFSC-407 (Fish Canning Technology)  
 Practical Paper



Attempt any one question.

1 × 5 = 5

1.4 Identify the following canning instruments used in fishery industry.

a)

b)

1.9 Write down the canning process involved HTST and aseptic canning with flow steps.

1.3 Write down two metal containers and it's used in aquaculture industry.

Attempt any one question.

1 × 10 = 10

2.1 Write down the process of can double seam.

2.2 Explain 12-D concept. If,  $b = 10^{12}$ ,  $a = 10000$ ,  $t = 2.52$  of *Clostridium botulinum*. Calculate the 12- D value of *Clostridium botulinum*.

3. Submission of Lab Notebook

4. Viva- Voce

2

3

Handwritten calculations for the 12-D value:

$$\frac{2.52}{3 - 12}$$

$$\frac{2.52}{12 - 3}$$

$$\frac{2.52}{2}$$

$$-0.28$$

$$\frac{2.52}{104}$$

Final result circled: 20.28

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