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NATIONALLY RECOGNISED TRAINING
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PRE-ADMISSION TESTING PROCESS
LANGUAGE, LITERACY AND NUMERACY

INTRODUCTION - PRE-ADMISSION PROCESS for CERTIFICATE IV in EMBALMING SIF40213 :

The pre-admission process is divided into two parts. **Part One** is the submission of an essay, which has two separate tasks. **Part Two** is the submission of industry calculations – a brief math test.

You have the choice of selecting the math test in Metric measurements or Imperial measurements. **Choose one or the other, not both.**

Make sure that:

- **Your writing is legible and readable**
- **Your name is in the upper left-hand corner of each page sent back to MFE**
- **Page numbers are in the lower right-hand corner of each page**

When you have completed the pre-admission process, mail, fax or email your essay and math calculation answers to:

Mortuary & Funeral Educators
214 Lorimer Street
Port Melbourne VIC 3207
Fax: 03 83984334
Email: pnelson@mfeducators.com

MFE
MORTUARY & FUNERAL
EDUCATORS

PART ONE – THE ESSAY

INSTRUCTIONS FOR THE ESSAY:

This task is not as difficult as it sounds. The essay is in two parts, and the total length for both parts should be no more than 500 words. The essay should answer these two questions:

1. **What do you believe to be the cultural, psychological and viewing benefits that professional embalming can bring to funeral service in Australia?**

2. **What is your reason for wanting to become an Embalmer?**

Make sure that your essay is correctly structured and that spelling has been checked. Your essay needs to be handwritten not typed on the computer, this is for **legible identification**.

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PART TWO - MATH EVALUATIONS

METRIC VERSION

INSTRUCTIONS:

Answer all of the questions listed below to the best of your ability. Make sure that you use a separate sheet of paper. Make sure that you show all of your calculations, and that the answer is plainly shown as well.

1. You need to make up a disinfectant solution, where the disinfectant fluid is to be diluted with water to make a 20% solution. You have 100ml of the disinfectant fluid.

    a. **How much water should you add to the 100ml of the disinfectant fluid to make a 20% total solution?**

2. You are required to line, with a plastic material, only the sides of a crate. The plastic you are going to use is 5,000mm wide. The crate measures 15,000mm in length x 5,000mm in width x 5,000mm in height.

    a. **What length of the plastic material would you need to do this work?**

3. You have been asked to disinfect the mortuary area. Calculate the following:

    a. The preparation table requires a 1:1 (1 to 1) dilution of water and disinfectant fluid. You have 500ml of the disinfectant fluid.

        i. **What amount of water would you use to make a 1:1 total solution?**

    b. The floor requires a 1:3 (1 to 3) dilution of a disinfectant fluid and water. You have 1 litre of the disinfectant fluid.

        i. **What amount of water would you use to make a 1:3 total solution?**

    c. You have 5 litres of water, and you must add enough disinfectant fluid to make a 10% solution.

        i. **How much of the disinfectant fluid will you require?**

4. If 1 inch = 25mm:

   a. **Then how many millimetres (mm) are there in 6 feet?**

5. If 1 foot = 12 inches, and 1 inch = 25mm:

   a. **Convert 4 feet, 6 inches into millimetres (mm)**

6. You have been asked to dig a hole 1,200mm long x 1,800mm wide x 900mm deep:

   a. **How many cubic metres of earth would you remove to dig this hole?**

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PART TWO - MATH EVALUATIONS

IMPERIAL VERSION

INSTRUCTIONS:

Answer all of the questions listed below to the best of your ability. Make sure that you use a separate sheet of paper. Make sure that you show all of your calculations, and that the answer is plainly shown as well.

7. You need to make up a disinfectant solution, where the disinfectant fluid is to be diluted with water to make a 20% solution. You have 10oz of the disinfectant fluid.
    a. **How much water should you add to the disinfectant fluid to make a 20% total solution?**

8. You are required to line, with a plastic material, only the sides of a crate. The plastic you are going to use is 2 ft wide. The crate measures 6 ft in length x 2 ft in width x 2 ft in height:

    a. **What length of the plastic material would you need to do this work?**

9. You have been asked to disinfect the mortuary area. Calculate the following:
    a. The preparation table requires a 1:1 (1 to 1) dilution of water and disinfectant fluid. You have 20oz of the disinfectant fluid.

        i. **What amount of water would you use to make a 1:1 total solution?**

    b. The floor requires a 1:3 (1 to 3) dilution of a disinfectant fluid and water. You have 1 gallon of the disinfectant fluid.

        i. **What amount of water would you use to make a 1:3 total solution?**

    c. You have 5 gallons of water, and you must add enough disinfectant fluid to make a 10% solution.

        i. **How much of the disinfectant fluid will you require?**

10. If 1 inch = 25mm:

    a. **Then how many millimetres (mm) are there in 6 feet?**

11. If 1 foot = 12 inches, and 1 inch = 25mm:

    a. **Convert 4 feet, 6 inches into millimetres (mm)**

12. You have been asked to dig a hole 8 ft long x 4 ft wide x 12 ft deep:

    a. **How many cubic feet of earth would you remove to dig this hole?**