

[30 marks]

Answer Question 1 [Compulsory] and any other question.

1. Mansah and her classmates are going on an excursion to Akosombo Textiles Limited. She has asked you to teach her how to prepare rock burns to be served with fruit drink as snack for the class.

- (a) (i) Describe how to prepare the rock burns.

[5 marks]

- (i) State **two** advantages of measuring the ingredients to be used for the rock burns.

burns. *Test ways to Teaching & Learning*

[4 marks]

- (b) State **one** function **each** of the following ingredients to be used for the preparation of the rock burns:

- (i) eggs;
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- (ii) flour;
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- (iii) sugar.
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[6 marks]

2. (a) Describe **one** of the techniques used to shape biscuit during its preparation.

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[2 marks]

- (b) Mrs. Boadu prepared soup with fish powder for her toddler.

State **one** specific function of the **major** nutrient in the soup.

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[2 marks]

- (c) In the sewing workshop, equipment and tools must be well arranged to prevent the occurrence of accidents. Describe any **one** of the accidents **likely** to occur in the workshop.

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[3 marks]

Turn over

- (d) Kojo's teacher took the class out to plant trees. State **two** guidelines the class will follow during the tree planting exercise.

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[4 marks]

- (e) Mrs Owusu owns a small scale business. State **two** processes she would follow to manage the business successfully.

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[4 marks]

3. (a) Fiifi's mother sent him to buy sewing materials. Outline **two** factors Fiifi should consider when choosing the sewing materials.

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[4 marks]

- (b) Ekua made a petticoat and finished the hem using lace trimming. She is excited seeing the finished article. State **two** benefits of her choice of finishing.

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[4 marks]

- (c) Azumah wants to buy fresh meat to prepare groundnut soup for his grandmother. State **two** factors he should consider when selecting the meat for the soup.

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[4 marks]

- (d) The cotton fabric is the **best** choice for use as dish cloth and tea towels in the kitchen. Explain **one** reason why the cotton fabric is the **best** choice for kitchen cloths.

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[3 marks]

Turn over

PART B

[30 marks]

Answer Question 4 [Compulsory] and any other one question.

4. A student loved the idea of savings but always found it difficult to keep money without spending it. He was advised to get a money box as shown in Figure 1.

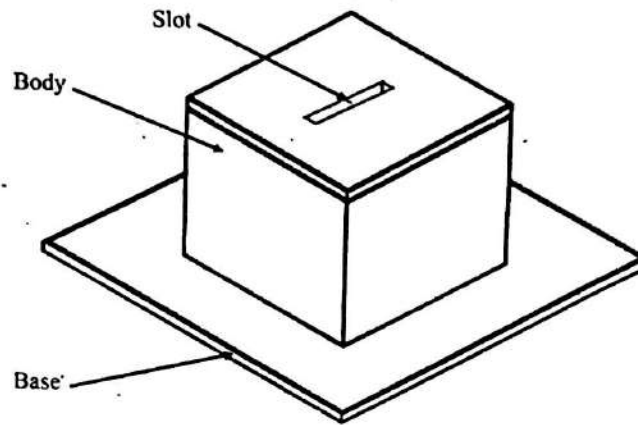


Figure 1

- (a) (i) List **two** different types of timber suitable for producing the money box.
 (ii) Name **two** suitable joints to be used for assembling the body to the base.
 (iii) List **two** different tools for cutting the slot. [6 marks]
- (b) Re-arrange the following procedures for making the money box in a sequential order:
 I. Mark out and cut the top hole;
 II. Assemble the workpieces by gluing;
 III. Finish off the artefact with glasspaper and apply lacquer;
 IV. Measure and mark out the workpieces;
 V. Cut the workpieces into sizes;
 VI. Prepare the joints. [6 marks]
- (c) (i) State **one** type of adhesive to be used to assemble the unit. [6 marks]
 (ii) List **two** types of fasteners that can be used to strengthen the joint. [3 marks]

5. (a) State **one** reason for carrying out **each** of the following workshop operations:
- (i) taking accurate measurements and marking-out workpieces;
 - (ii) glasspapering a wooden artefact before applying a finish;
 - (iii) fixing a hacksaw blade with the teeth pointing away from the handle.
- [6 marks]
- (b) (i) Make a pictorial sketch of a *warrington hammer* and label any **two** parts on the tool sketched.
- (ii) State **one** use of the warrington hammer.
- [9 marks]
6. (a) Figure 2 shows the front view of a L-shaped wooden block. Draw the figure in single-point perspective below the eye level.

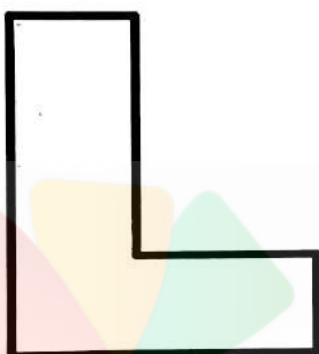


Figure 2

- [6 marks]
- (b) A graduate aspires to be a successful business manager in the near future. List **four** management processes the graduate should be familiar with in order to become a good manager in future.
- [4 marks]
- (c) (i) State **two** primary purposes of frame structures.
- (ii) List **three** examples of frame structures.
- [5 marks]

END OF ESSAY TEST

Turn over