

SC7122&1

WASSCE 2021

LEATHERWORK 2&1

Essay and Objective

2 hours 50 minutes

2&1

- ❖ PAST QUESTIONS
- ❖ QUIZZES
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THE WEST AFRICAN EXAMINATIONS COUNCIL

West African Senior School Certificate Examination for School Candidates

SC 2021

LEATHERWORK 2 & 1

2 hours 50 minutes

Essay and Objective

*Do **not** open this booklet until you are told to do so. While you are waiting, read and observe the following instructions carefully. Write your **name** and **index number** in **ink** in the spaces provided above.*

*This booklet consists of **two** papers. Answer Paper **2** which comes first, in your answer booklet and Paper **1** on your Objective Test answer sheet. Paper **2** will last **2** hours after which the answer booklet will be collected. Do **not** start Paper **1** until you are told to do so. Paper **1** will last **50** minutes.*

Answer four questions only.

All the questions carry equal marks.

Credit will be given for clarity of expression and orderly presentation of material.

1.
 - (a) List six animals whose hides can be carved. [6 marks]
 - (b) Explain why the hides of animals listed in (a) above are suitable for carving. [3 marks]
 - (c) State six significance of tanning hides. [6 marks]

2. Explain the following terms as used in leatherwork:
 - (a) Skiving;
 - (b) Marbling;
 - (c) Carving;
 - (d) Buffing;
 - (e) Scorching.[15 marks]

3. Outline **one** characteristic and **two** uses of the following types of leathers:
 - (a) Chamois;
 - (b) Sole leather;
 - (c) Reptile skins;
 - (d) Suede;
 - (e) Nappa.[15 marks]

4. With the aid of illustrations, describe how **three** of the following accessories are fixed on leather articles:
 - (a) Zipper;
 - (b) Rivet;
 - (c) Buckle;
 - (d) Press stud.[15 marks]

5.
 - (a) List **three** leather products **each** under the following classifications:
 - (i) Religious/Magical;
 - (ii) Music and entertainment;
 - (iii) Industrial.[9 marks]
 - (b) Indicate **one** type of leather used in the production of **each** item listed under (a)(i) above. [3 marks]
 - (c) State **one** use of **each** of the leather products listed in (a)(i). [3 marks]

6.
 - (a) Explain *exhibition* as used in leatherwork. [3 marks]
 - (b) As a leather worker, discuss **four** factors to consider when planning to exhibit works you have produced for the past two years. [12 marks]

END OF EASY TEST

**DO NOT TURN OVER THIS PAGE
UNTIL YOU ARE TOLD TO DO SO.**

**YOU WILL BE PENALIZED SEVERELY IF YOU ARE
FOUND LOOKING AT THE NEXT PAGE BEFORE
YOU ARE TOLD TO DO SO.**

**WHILE YOU ARE WAITING, READ THE FOLLOWING
INSTRUCTIONS CAREFULLY**

PAPER 1
OBJECTIVE TEST
[40 marks]

50 minutes

1. Use 2B pencil throughout.
2. On the pre-printed answer sheet, check that the following details are **correctly** printed:
 - (a) In the space marked *Name*, check your **surname** followed by your **other names**.
 - (b) In the spaces marked *Examination*, *Year*, *Subject* and *Paper*, check 'WASSCE', 'SC2021', 'LEATHERWORK', and '1' in that order.
 - (c) In the box marked *Index Number*, your **index number** has been printed vertically in the spaces on the left-hand side, and each numbered space has been shaded in line with each digit. **Reshade** each of the shaded spaces.
 - (d) In the box marked *Subject Code*, the digits 712113 are printed vertically in the spaces on the left-hand side. **Reshade** the corresponding numbered spaces as you did for your index number.
3. An example is given below. This is for a male candidate whose *name* is Adams Smith ACKAH. His *index number* is 7102143958 and he is offering *Leatherwork* 1.

**THE WEST AFRICAN EXAMINATIONS COUNCIL
ANSWER SHEET**

PRINTED IN BLOCK ACKAH ADAMS SMITH	GHA
Examination: WASSCE	Year: SC 2021
Subject: LEATHERWORK	Paper: 1

INSTRUCTIONS TO CANDIDATES

1. Use grade BB pencil throughout.
2. Answer each question by choosing one letter and shading it like this: ☐ A ☐ B ☐ C ☐ D ☐ E
3. Erase completely any answer you wish to change.
4. Leave extra spaces blank if the answer spaces provided are more than you need.

INDEX NUMBER	
7	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
0	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
4	0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9
9	0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9

SUBJECT CODE	
7	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9

For Supervisors only
If candidate is absent
shade this space ☐

Answer **all** the questions.

Each question is followed by four options lettered A to D. Find the **correct** option for each question and shade in **pencil** on your answer sheet the answer space which bears the same letter as the option you have chosen. Give only **one** answer to **each** question. An example is given below.

In still life study, drawings are made from

- A. imagination.
- B. imitation.
- C. memory.
- D. observation.

The correct answer is observation which is lettered D and therefore answer space D would be shaded.

☐ A ☐

☐ B ☐

☐ C ☐

☒ D ☐

☐ E ☐

Think carefully before you shade the answer spaces; erase completely any answers you wish to change.

Do all rough work on this question paper.

Now answer the following questions.

1. Pick out a decorative design that produces dots from the options below.
 - A. Carving
 - B. Marbling
 - C. Stippling
 - D. Tooling
2. The **main** objective for pounding leather is to make it
 - A. plastic
 - B. soft.
 - C. thin.
 - D. washable.
3. Which of the following can be used to grease machine parts?
 - A. Paraffin wax
 - B. Shea butter
 - C. Lacquer
 - D. Thinner
4. Identify the **odd** term from the options below.
 - A. Adhesives
 - B. Grooves
 - C. Laces
 - D. Thongs
5. Which of the following is a decoration on leather?
 - A. Buckle
 - B. D-ring
 - C. Scorching
 - D. Swivel
6. When a skin or hide is dried it becomes
 - A. flexible and workable.
 - B. fluffy and malleable.
 - C. hard and brittle.
 - D. stretchy and soft.

7. The process of using alum and salt on skins to obtain white leather is known as
 - A. curing.
 - B. tanning.
 - C. tawing.
 - D. skiving.
8. Which of the following steps follow each other in succession in leather production?
 - A. Designing and sketching
 - B. Decorating and polishing
 - C. Finishing and trimming
 - D. Tracing and cutting
9. Manual skiving is done with the knife
 - A. held in both hands.
 - B. placed under the leather.
 - C. pushed away from the cutter
 - D. pulled towards the cutter.
10. Threads for stitching are waxed **primarily** to
 - A. create a better slip.
 - B. give them a desired colour.
 - C. make them stronger.
 - D. obtain a better twist.
11. Temporary assembling of leather parts is done using
 - A. gum arabic.
 - B. rubber cement.
 - C. rivet.
 - D. thong.
12. What is the use of methylated spirit in leatherwork? To
 - A. clean leather goods after production
 - B. cure skins and hides
 - C. make thick leather transparent
 - D. tan skins into leather
13. Leather is shaved in order to
 - A. increase value.
 - B. increase thickness.
 - C. reduce cost.
 - D. reduce bulk.
14. Prior to making slit stitches, the edges of the leather parts are
 - A. burnished.
 - B. skived.
 - C. punched.
 - D. smoothened.
15. In which of the following are elements and principles of design employed?
 - A. During the pre-tanning activities of leather production
 - B. Planning to establish leatherwork enterprise
 - C. During the process of leather production
 - D. Planning the production of an article

16. The tool used for tracing designs on leather is a
 A. beveller.
 B. modeller.
 C. seeder.
 D. shader.
17. Removing the hair and epidermis from skin to be made into leather is referred to as
 A. dehairing.
 B. fleshing.
 C. graining.
 D. staking.
18. The function of a leather talisman is
 A. economic.
 B. spiritual.
 C. educational.
 D. social.
19. What makes natural leather resistant to heat and decomposition?
 A. Curing
 B. Liming
 C. Paring
 D. Tanning
20. Which of the following is normally sharpened with both emery cloth and file?
 A. Chisel
 B. Modeller
 C. Skiving knife
 D. Spring punch
21. The skill of matching and contrasting colours is **most** needed when
 A. dyeing leather.
 B. weaving leather strips together.
 C. doing appliqué work.
 D. embossing patterns on leather.
22. Which of the following is a step in carving?
 A. Casing the leather
 B. Piercing the leather
 C. Thonging the outline
 D. Using a chisel
23. Select the qualities of a *butt* from the following options
 I. hard
 II. soft
 III. strong
 IV. thick
 A. I and II only
 B. II and III only
 C. II, III and IV only
 D. I, III and IV only
24. Exhibition of all kinds of products is referred to as
 A. Bazaar
 B. Gifex
 C. Indutech
 D. Panafest

25. The **best** reason for the leather worker to conduct a market survey is to check
- how his leather product can be priced.
 - the number of people selling the same product.
 - whether to increase or reduce the price of the product.
 - whether the product will meet the taste of the target group.
26. In pricing a leather product, the last but one factor that is considered is the
- cost of material.
 - labour cost.
 - profit margin.
 - total expenditure.
27. Which of the following leathers is produced with vegetable tannin extracts?
- Garment leather
 - Sole leather
 - Upper leather
 - Suede leather
28. Which group of people established the preservation of pelts by 2,500 BC?
- Indians
 - Ghanaians
 - Greeks
 - Egyptians
29. The **most** appropriate tool for cutting curves on heavy leather is
- safety skiver.
 - safety knife.
 - skiving knife.
 - stanley knife.
30. Why did the early man store water in a skin bag?
- It was the most available container
 - He had a nice taste of water
 - The water was free from impurities
 - He increased his travelling range
31. Templates as cutting aid can also be used as a means of
- checking the suitability of the design.
 - making the leather flat before using it.
 - checking the thickness of the leather.
 - helping to stretch leather to remove all dirt before using it.
32. Identify the leather which is ideal for tooling from the options below.
- Morocco
 - Peccary
 - Suede
 - Nappa
33. Toggling is a method that involves
- flaying the raw skin.
 - oiling the raw hide.
 - pounding the hide.
 - stretching the hide.

Turn over

34. To test for chrome-tanned leather
- A. cut a cross section.
 - B. crumple the leather.
 - C. drop some spirit on it.
 - D. soak it in water.
35. A person who uses treated hides and skins to make footwears is called
- A. cobbler.
 - B. leather worker.
 - C. shoemaker.
 - D. upholsterer.
36. Which of the following leathers is recommended for use in herringbone stitching?
- A. Calf
 - B. Suede
 - C. Chamois
 - D. Skiver
37. Applying heat and pressure on leather to obtain a raised image is called
- A. buffing.
 - B. embossing.
 - C. graining.
 - D. glazing.
38. Dyes are said to be *fast* if they
- A. make the leather shine.
 - B. are very expensive.
 - C. have many uses.
 - D. do not fade easily.
39. The leather articles that early man used were
- A. puppets and drums.
 - B. drums and slings.
 - C. puppets and vellum.
 - D. slings and vellum.
40. In early coaches, leather took the place of
- A. axles.
 - B. tyres.
 - C. springs.
 - D. wheels.

END OF PAPER