22. Cotton, wool, silk are all classified as……
- A. Plant Fibres
- B. Animal Fibres
- C. Natural Fibres
- D. Synthetic Fibres

23. Which of the following processes are involved in converting fiber into fabric?
- A. Fiber → Yarn → fabric
- B. Yarn → fiber → fabric
- C. Fabric → Fiber → Yarn
- D. All of these

24. Leftover cooked foods can be stored in a……
- A. Refrigerator
- B. Tight container
- C. Polythene bag
- D. Food warmer

25. Accidents are caused in the kitchen by
- A. Lack of concentration
- B. Arranging the kitchen equipment
- C. Cleaning the working tables
- D. Paying adequate attention

26. One of the measures to prevent suffocation is
- A. The used of insecticide
- B. Close windows
- C. To ensure good ventilation

27. Moist heat causes …… to the human skin.
- A. Bruises
- B. Cuts
- C. Burns
- D. Scalds

28. Wool is obtained from which of the following**?**
- A. Fleece of sheep or goat
- B. Hair of rabbits, Yak and camels
- C. Plants
- D. All options

29. …….. is the application of pressure to another person's throat or neck or the blocking of the person's nose or mouth of the victim.
- A. Suffocation
- B. Chocking
- C. Strangulation
- D. Diarrhoea

30. The two types of wood are
- A. Hardwood and softwood
- B. Hard and hat
- C. Hardwood and medium wood
- D. Wawa and wood

GHANA EDUCATION SERVICE

CAREER TECHNOLOGY

ESSAY AND OBJECTIVE **2 & 1**
2 HOURS

BB EDU CONSULT AND SUPPLIES

Name: .....

Index Number: ……..

Signature: …….....

Date of Examination: .....

BB CONSULT & SUPPLIES
(STUDENTS ACADEMIC IMPROVEMENT AND CAREER PROGRAMS DEPARTMENT)

CAREER TECHNOLOGY

MOCK EXAMINATION FOR J. H. S 3

TIME ALLOWED: *1 HOUR, 50 MINUTES*

INSTRUCTIONS

*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, Index Number** and **Class** 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 **1 hour 15 minutes** after which the answer booklet will be collected. **Do not** start **Paper 1** until you are told to do so. **Paper 1** will last **35 minutes.***

1. Use **2B** pencil throughout.
2. On the pre-printed answer sheet, check that's the following details are **correctly** printed:

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PAPER 2 [70 MARKS] 1HOUR, 15MINUTES

Answer all questions in this paper.

Paper **2** (essay) consists of **two** sections: **A** and **B.**
Section **-A** is compulsory and made up of core skills which carries **20**marks. Section**- B** consists of **3** questions from Home Economics and Pre-Technical Skills, out of which you are supposed to answer any **two (2)** for **50** marks.

SECTION – A [20 MARKS]

Answer this compulsory question [20 MARKS]

1. *(a)* i) Differentiate between *Smart* and *Modern materials* as materials for production. [4 marks]

.....

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.....

.....

ii) Define the following

α) *Food spoilage* [2 marks]

.....

.....

.....

β) *Food preservation* [2 marks]

.....

.....

.....

(b) i) Place **each** of the following types of cards and paper in the correct practical application.
Corrugated card, Duplex card, Layout paper, Tracing paper [2 marks]

Application	Facing	Copying Image	Model making	Disposable cups	Paper cards

ii) Mention **four (4)** major causes for environmental health. [2 marks]

.....

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.....

(c) Study the situation below and answer the questions that follow.

SITUATION: Christy keeps her cake of soaps on the floor of the washroom when bathing because there is no unit available to keep the soaps in.

i) Write a design brief for the above situation. [3 marks]

.....

.....

ii) State **two (2)** specifications of the unit based on function. [2 marks]

.....

.....

iii) Identify **one** special material to be used for making the unit. [1 mark]

.....

iv) List **two (2)** methods of carrying out design investigations. [2 marks]

.....

12. Artificial silk is .....
A. rayon
B. acetate
C. cotton
D. wool

13. Linen is obtained from .....
A. flax
B. cotton
C. jute
D. rubber

14. The aspect of analysis which considers the appearance of an artefact is ***known as ……***
A. aesthetics
B. construction
C. ergonomics
D. function

15. The ability of fabric to draw moisture away from your body is.....
A. wicking
B. absorbency
C. resiliency
D. recension

16. Which of the following is a disease associated with air pollution?
A. Diarrhea
B. Asthma
C. Depression
D. Discomfort

17. The **most** appropriate tool used to determine the weight of an item at the food laboratory is
A. Measuring cup
B. Measuring spoon
C. Measuring scale
D. Measuring bowl

18. The first aid item used to hold dressing and bandages in a fixed position or place is
A. Gauze
B. Gloves
C. Safety pins
D. Super glue

19. Marking out tools used to transfer pattern marking unto the fabric is
A. Tailor's chalk
B. Pounce
C. Tracing wheel
D. Hot notcher

20. ..... is a way of protecting quality of life through the prevention and treatment of diseases that relates to the natural and built environment that may affect human health and foster healthy and safe communities.
A. Desertification
B. Deforestation
C. Environmental health
D. Urbanization

21. …… occurs when a person throat is blocked or stuck with a hard object such as food.
A. Scalds
B. Chocking
C. Burns
D. Cuts

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1. Rings that trees produce each year are
A. Annual rings
B. Cup rings
C. Cambium layer
D. Medullary rays

2. Mortise gauge has …… scribing pins
A. One
B. Two
C. Three
D. Four

3. Spokeshave is used for smoothening
A. Plane surfaces
B. Interior surfaces
C. Curved surfaces
D. Rough surfaces

4. For cutting along the grains …… saws are used
A. Rip saw
B. Cross cut saw
C. Dovetail saw
D. Compass saw

5. What is the function of a mortise gauge?
A. To measure depth and width
B. To create small holes in timber
C. To produce arcs and circles on timber
D. To produce lines parallel to an edge in timber

6. In conversion and preparation of timber, what does ripping refer to?
A. Cutting to length
B. Cutting along the grain
C. Cutting across the grain
D. Cutting at any compound angle

7. Flax is a ..... fiber.
A. cellulosic
B. protein
C. synthetic
D. man Made

8. Sisal is a ..... fiber.
A. man made
B. natural
C. synthetic
D. plastic

9. Rayon is made of ……..
A. cellulose
B. oxygen
C. flax
D. coal

10. Silk, the natural form of fiber is obtained from…..
A. sheep
B. cocoon
C. jute plant
D. cotton balls

11. Interlacing of two sets of yarns is called .....
A. knitting
B. weaving
C. crocheting
D. none of these

(d) i) Explain what is meant by *seams.* [2 marks]

……..

……..

ii) State the **two (2)** types of plastics. [1 mark]

……..

……..

iii) List any **four (4)** advantages of plastic. [2 mark]

……..

……..

……..

……..

PART C [50 Marks)

*Answer **two (2)** questions **only** from this section.*

2. *(a)* Distinguish between *small* and *mechanical kitchen* essentials. [6 marks]

……

……

……

(b) Describe how to care and maintain a coal pot. [2 marks]

……

……

……

(c) Explain why edge finishing is done on garments. State **two (2).** [7 marks]

……

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……

……

(d) List **four (4) major** body parts to measure when making garments. [4 marks]

……

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……

(e) Mention **two (2)** *homemade abrasives* and *commercial abrasives*. [6 marks]

……

……

3. *(a)* Briefly explain the following terms.

i) *Gloss* [2 marks]

……

……

ii) *Porosity* [2 marks]

……

……

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iii) *Smoothness* [2 marks]

……

……

(b) State **one** working property of the following paper. [3 marks]

i) *Bleed proof paper*

……

ii) *Tracing paper*

……

iii) *Cartridge paper*

……

(c) What is *bad body odour*? [2 marks]

……

……

(ii) Name **four (4)** parts of the body that give off body odour. [4 marks]

……

……

……

……

iii) State **four (4)** causes of bad body odour. [4 marks]

……

……

……

……

(d) Explain the following cutting tools

(i) Pairing [3 marks]

……

……

(ii) Mortising or *Chopping* [3 marks]

……

……

4. *(a)* i) What is *poaching*? [2marks]

……

……

……

ii) State **four (4)** rules in poaching. [4marks]

……

……

……

……

iii) Mention **four (4)** disadvantages of poaching. [4marks]

……

……

(b) i) Write **four (4)** advantages of being an entrepreneur. [4marks]

……

……

……

……

ii) Explain the term an *entrepreneur*. [2marks]

……

……

……

(c) Make a freehand sketch of a cross cut saw and label the following parts.
Handle, blade, teeth and rivets. [5marks]

(d) Start **one** care and maintenance **each** for the following tools. [3 marks]

i) Chisel:

……

……

……

ii) Spokeshave:

……

……

……

iii) Rasp file:

……

……

……

END OF ESSAY TEST

PAPER 1 [30 MARKS]

OBJECTIVE TEST [30 MINUTES]

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 spaced which bears the same letter as the option you have chosen. Give only* **one** *answer to each question. An example is given below.*

Which of the following is a cutting tool?

A. Mallet
B. Rip saw
C. Try square
D. G. clamp

⊏A⊐ ⊏B⊐ ⊏C⊐ ⊏D⊐

The answer is **'B'** as shaded above.

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