

JASPER WILLIAMS HIGH SCHOOL
ANNUAL EXAMINATION 2020
YEAR 12 HOME ECONOMICS

Time Allowed : 3 hour

(An extra 10 minutes is allowed for reading the paper)

INSTRUCTIONS

1. Write your **Index Number** on the front page.
2. Write **all** your answers in the **Answer Booklet** provided.
3. If you use extra sheet of paper, be sure to show clearly the question numbers being answered and to tie each sheet in your **Answer Booklet** at the appropriate place. Ensure that your **Index Number** is written on the extra sheet.
4. Answer **all** the questions with a blue or black ballpoint or ink pen. Do **not** use red ink pen. You may use a pencil **only** for drawing.
5. There are **three** selections in this paper. **All** sections are compulsory.

SUMMARY OF QUESTIONS

SECTION	QUESTION TYPE	TOTAL MARK	SUGGESTED TIME
A	There are twenty multiple question choice questions. All the questions are compulsory.	20	36 Minutes
B	There are six short answer questions. All the questions are compulsory.	60	108 Minutes
C	There are four essay questions. Answer any two.	20	36 Minutes
	TOTAL	100	180 Minutes

SECTION A

MULTIPLE-CHOICE QUESTIONS

[20 marks]

The multiple-choice questions in this section are **all** compulsory. Each question is worth 1 mark.

INSTRUCTIONS FOR MULTIPLE-CHOICE QUESTIONS

1. In your **Answer Booklet**, **circle** the letter which represents the **best** answer. **If you change your mind**, put a line through your first choice and circle the letter of your next choice.

For example:

6	(A)	(B)	C	D
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2. **If you change your mind** again and like your first answer better, put a line through your second circle and tick (✓) your first answer.

For example:

6	(A)	(B) ✓	C	D
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3. **No mark** will be given if you circle more than one letter for a question.

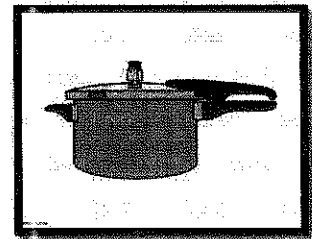
1. Which of the following changes is apparent in the first trimester of pregnancy?

- A. fever and nausea
- B. fatigue and fever
- C. nausea and fatigue
- D. headache and fainting

2. Preventing childhood diseases by vaccination is called

- A. conception
- B. fertilization
- C. contraception
- D. immunisation

3. One of the projects of Save the Children's fund includes
- A. implementing and promoting various programs.
 - B. counselling and legal, medical support to people.
 - C. promoting child's Rights Awareness and Training.
 - D. protecting and promoting human dignity to people.
4. Expenses which influence from period to period is known as
- A. fixed expense
 - B. general expense
 - C. variable expense
 - D. common expense
5. Thyroxine, a chemical hormone that controls metabolism is produced by the
- A. liver
 - B. pancreas
 - C. thyroid gland
 - D. pituitary gland
6. Which of the vitamins are needed for energy production?
- A. Iron, iodine
 - B. Iodine, niacin
 - C. Iron, thyroxine
 - D. Niacin, thiamine
7. One of the advantages of the appliance given below is,
- A. cheap
 - B. saves time and money
 - C. makes people tired easily
 - D. reduces exercising time of people



Source: www.googleimages.com

8. Folate deficiency during pregnancy causes
- A. rickets
 - B. spasms
 - C. anemia
 - D. neural tube defects
9. Meal planned for an anaemic person should include food high in
- A. Dietary fibre
 - B. Sugars and fibre
 - C. Vitamin C and Iron
 - D. Phosphorus and calcium
10. Osteomalacia is sometimes found in women after
- A. Weight loss
 - B. Energy loss
 - C. Excessive bleeding
 - D. Successive pregnancies
11. Which of the following best describes food flavor?
- A. Sweet, mild and hot.
 - B. Coarse, soft and mild.
 - C. Sweet, mild and crunchy.
 - D. Crispy, chewy and glossy.
12. Covering the food with foil during cooking helps to keep it
- A. Hot
 - B. Dry
 - C. Safe
 - D. Moist

13. Unhygienic food preparation practices as shown in the diagram can cause food

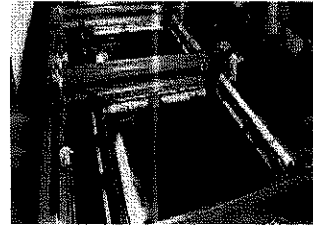
- A. Allergies
- B. Reactions
- C. Poisoning
- D. Cross contamination



Source: www.googleimages.com

14. The equipment shown on the right is used for

- A. Batik dyeing
- B. Block Dyeing
- C. Stencil printing
- D. Screen printing



Source: www.googleimages.com

15. Which of the following stitches is used to attach hooks and eyes?

- A. Running
- B. Buttonhole
- C. Overcasting
- D. Embroidery

16. If the neckline facing rolls out after sewing, it is because the neckline facing was not

- A. Top stitch
- B. Stay stitch
- C. Back stitch
- D. Under stitch

17. A method of buying goods from a shop by which customers pays small amount of money and the good is kept by the shop until full payment is made is

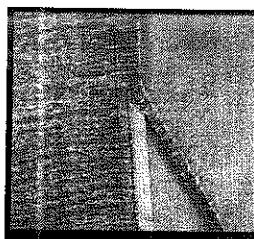
- A. Lay buy
- B. Credit cards
- C. Cash buying
- D. Hire purchase

18. A process of applying candle wax to prevent the dye from penetrating in specific areas of fabric is

- A. Batik dyeing
- B. Applied design
- C. Structural design
- D. Tie and dye design

19. The neatening technique illustrated on the right is

- A. Clipping
- B. Notching
- C. Layering
- D. Trimming



Source: www.googleimages.com

20. Which of the following factors enables the production of nested designs and large quantities of garments?

- A. Technology
- B. Financial status
- C. Fashion demands
- D. Change in culture

SECTION B

SHORT ANSWER QUESTIONS

[60 Marks]

There are **six** questions in this section and **all are compulsory**. Each question is worth **10** marks.

QUESTION 1

(10 marks)

The Family

(a) Describe the post natal care for the infants.

(2 marks)

(b) Identify **two** qualities of good parenting and discuss it's influence on the family.

(2 marks)

Resources

- (c) Explain the importance of preparing a shopping list. **(2 marks)**

Housing

- (d) Explain climate change. **(2 marks)**
- (e) Shelter is a human need that must be met survival of mankind.
- (i) Describe the type of housing you have. **(1 mark)**
- (ii) Discuss how your need for personal space is met at home. **(1 mark)**

QUESTION 2**(10 marks)**

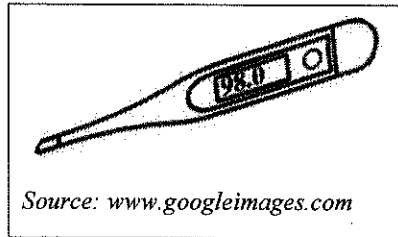
- (a) Discuss the following features of an industrial kitchen;

(i) Stainless steel

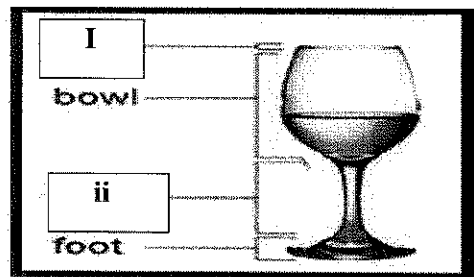
(ii) Open Shelving

(2 marks)

- (b) Identify the kitchen equipment illustrated below and state its use.

**(1 mark)**

- (c) Label the parts of the wine glass illustrated below;



Source: *Year 12 Home Economics Text book*

(1 mark)

What is food?

- (d) Define Food choices. (1 mark)
- (e) Discuss how a person's knowledge of nutrition influences his or her nutritional status. (2 marks)

Diet and Health

- (f) Explain the interrelationship between the following nutrients:
- (i) Vitamin C and Iron
- (ii) Vitamin D and Calcium (2 marks)
- (g) What health problem results from calcium deficiency? (1 mark)

QUESTION 3**(10 marks)****Food Supply**

- (a) Identify **one** policy that governs food availability and consumption. (1 mark)

Food Preservation

- (b) Given below is an illustration of a preserved product.



Source: www.gemimisjelly.com

- (i) Identify the **principle** of preservation involved in the preservation method above. (1 mark)
- (ii) Explain how commercial preservatives contribute to cancer. (2 marks)

Food Planning and Product Development

- (c) You have been asked to assist your aunt to cater for a fundraising dinner comprising of a three course meal. Using the appropriate places in the table provided in the Answer Booklet, plan a menu for the 3 course meal consisting of the first course, main course and a third course. (4 marks)
- (d) Explain the importance of **proofing** in baking. (2 marks)

QUESTION 4

(10 marks)

Study of Fibers and Fabrics, Fabric Finishes and Decorations

- (a) Define the fabric finish **plisseing**. (1 mark)

Care of Fabrics, Renovating and Recycling

- (b) Pressing is an important process throughout garment construction. Define pressing. (1 mark)
- (c) Explain the process of dry cleaning. (2 marks)

Clothing Needs Selection and Clothing Consumer

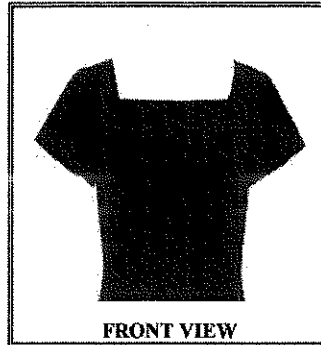
- (d) (i) Identify **one** role of advertising in the clothing industry. (1 mark)
- (ii) Explain **one** disadvantage of buying garments using a credit card. (2 marks)

Equipment

- (e) (i) Identify **one** use of each of the thread formation of an over locker stated below:
1. Two - thread
 2. Three - thread (1 mark)
- (ii) Explain **one** way of maintaining an over locker. (2 marks)

QUESTION 5**(10 marks)****Patterns and Design**

(a) Given below is a picture of a blouse.

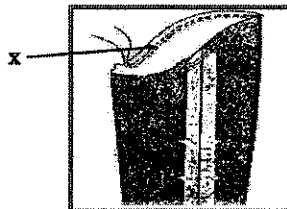


Source: <https://www.pinterest.com>

- (i) Identify **one** important measurement needed to make the blouse illustrated. **(1 mark)**
- (ii) **Draw and label** one pattern piece for the front view of the blouse in the space allocated in the **Answer Booklet**. **(2 marks)**
- (iii) State **one** method of disposal of fullness and one fastening that will be applied on the blouse given in (a) above. **(2 marks)**
- (b) Differentiate between a **raglan** and **kimono** sleeve. **(2 marks)**
- (c) Describe the steps in attaching a collar onto a neckline. **(3 marks)**

QUESTION 6**(10 marks)****Processes and Techniques**

(a) Mere made two rows of stitches labelled **X** below on the sleeve cap, of the dress that she was constructing.



Source: *FSLCE, Ministry of Education, 2009*

Explain the purpose of making the two rows of stitches above.

(2 marks)

(b) Explain the purpose of the following techniques in garment construction.

(i) Pressing (2 marks)

(ii) Fitting (2 marks)

(c) Draw the following pattern markings in your Answer Booklet.

(i) Notches

(ii) Straight Grain line (2 marks)

(d) Give reasons for the following;

(i) Preshrink your fabric before cutting.

(ii) Always keep the entire length of the fabric on top of the cutting surface while pinning and cutting. (2 marks)

SECTION C

ESSAY QUESTIONS

[20 marks]

There are **four** essay questions in this section. Answer **any two** questions.

Each question is worth **10** marks. Write an essay of about **180 – 200** words to answer each question.

Please note that the allocation of marks for the content has been included for each Question, **1** mark is allocated to the introduction and **1** mark for the conclusion of the essay.

QUESTION 1

The Family

(10 marks)

Breast feeding is a gift from nature.

With reference to the above statement, discuss **two**

- advantages of breast feeding. (2 marks)
- disadvantages of breast feeding. (2 marks)
- ways working mothers can still provide breast milk for their babies. (2 marks)
- ways family members can support the working mother to continue breast feeding. (2 marks)

QUESTION 2 Kitchen Safety, Hygiene and Management (10 marks)

Building Industrial kitchens can make a huge statement when planned and executed properly.

With reference to the above statement, discuss **two**

- importance of careful planning before building an Industrial kitchen. (2 marks)
- points to consider when selecting features for an Industrial kitchen. (2 marks)
- effects of having an exposed brick works and pipes in the kitchen. (2 marks)
- effects of having open shelving in the kitchen. (2 marks)

QUESTION 3 Food Preservation (10 marks)

Food preservation ensures that food is available throughout the year.

With reference to the above statement, discuss **two**

- commercial food preservatives used in preservation. (2 marks)
- domestic food preservatives used in preservation. (2 marks)
- advantages of adding food preservatives during preservation. (2 marks)
- adverse effects of having preservatives in preserved food. (2 marks)

QUESTION 4 Clothing Needs & Selection/Clothing (10 marks)

It is important to be aware of your responsibilities as a textile consumer.

With reference to the above statement, discuss **two** ways the following responsibilities would assist one to be an informed consumer.

- Planned spending. (2 marks)
- Being informed about the product. (2 marks)
- Being on guard against frauds and harmful products. (2 marks)
- Checking sales agreement and documents. (2 marks)

THE END