

Answer all questions in the given space

1.

a. State the legal definition of food Additives.

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(05 marks)

b. What is the organization that has the authority to approve food additives as safe?

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(02 marks)

c.

i. What is the difference between indirect and direct additives?

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(02 marks)

ii. Write the basic functions of food additives.

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(04 marks)

d.

i. State the E code range for food colorings.

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(02 marks)

arks)

ii. What are the benefits of using synthetic colorings in food manufacturing?

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(04 marks)

iii. List down the two types of colorings that can use get below mentioned colors.

Red -

Yellow -

Green -

(06 marks)

e. Classify the sweeteners.

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(06 marks)

f. Write four (04) functions of citric acid in beverage.

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(04 marks)



g. What are nature identical flavoring substances?

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(03 marks)

2.

a. Define the "Food Contaminants".

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(04 marks)

b. What are mycotoxins?

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(03 marks)

c. Recently, significant increases in chronic kidney disease cases have been observed in some parts of the country especially in the North Central and North Western Provinces.

i. What is the most possible causative contaminant that the scientist suspect for above incident?

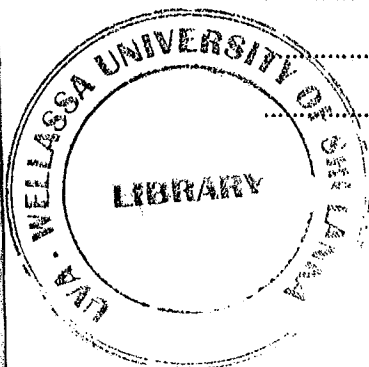
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(02 marks)

ii. How c(i) contaminant enters to the human body?

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(03 marks)



iii. State the analytical method that can be used to detect the c (i) contaminant in food.

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(02 marks)

f. State five (05) methods that can be practiced to avoid contaminants in food.

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(05 marks)

g.

i. What is meant by "ADI"?

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(05 marks)

ii. How long does it take to get the approval for food additives from European Union?

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(03 marks)

3. Write down a short account on adulterations in food industry.

(25 marks)

