https://selldocx.com/products /test-bank-nutrition-concepts-and-controversies-2e-sizer

Chapter 1-Food Choices and Human Health

L	TIPLE CHOICE	
	Which of the following conditions is the most nu	trition responsive?
	a.	diabetes
	b.	iron-deficiency anemia
	c.	sickle-cell anemia
	d.	hypertension
	ANS: B PTS: 1 REF	: Page 3
	Which of the following facts do you need to know health?	w in order to determine whether a food supports goo
	a.	how popular it is among consumers
	b.	the food's inner qualities
	c.	how it relates to an illness
	d.	the role it plays in the body
	ANS: B PTS: 1 REF	: Page 8
	How many classes of nutrients are there?	
	a.	two
	b.	four
	c.	six
	d.	eight
	ANS: C PTS: 1 REF	: Page 5
	Which of the following is the most energy-rich n	utrient?
	a.	fat
	b.	protein
	c.	water
	d.	carbohydrate
	ANS: A PTS: 1 REF	: Page 6
	Which of the following is an organic nutrient?	
	a.	minerals
	b.	carbohydrate
	U.	Caroonydrate

	d.			alcohol
	ANS: B	PTS: 1	REF	F: Page 5
5	Which of the fo	ollowing is an ene	ergy-yielding nut	trient?
	a.			proteins
	b.			vitamins
	c.			water
	d.			minerals
	ANS: A	PTS: 1	REF	F: Page 5–6
	Which of the fo	ollowing units do	food scientists u	ise to measure food energy?
	a.			units of weight
	b.			calories
	c.			kilograms
	d.			grams
	ANS: B	PTS: 1	REF	F: Page 5
	Alcohol has wh	nich of the follow	ing characteristic	cs?
Г	a.			It contributes no calories.
	b.			It interferes with repair of body tissues.
	c.			It is a nutrient.
	d.			It is not toxic to the body.
	d. ANS: B	PTS: 1	REF	It is not toxic to the body. F: Page 6
	ANS: B	ollowing nutrients		F: Page 6
·. [ANS: B Which of the fo	ollowing nutrients		F: Page 6
·. -	ANS: B Which of the fo	ollowing nutrients		F: Page 6 In also provides materials that form structures an
). -	ANS: B Which of the foing parts of boo	ollowing nutrients		F: Page 6 Indicate the structures and also provides materials that form structures and carbohydrates
	ANS: B Which of the foing parts of boo a. b.	ollowing nutrients		F: Page 6 Ind also provides materials that form structures an carbohydrates vitamins
	ANS: B Which of the foing parts of boo a. b. c.	ollowing nutrients	s yields energy a	F: Page 6 Ind also provides materials that form structures and carbohydrates vitamins fats
	ANS: B Which of the foing parts of boo a. b. c. d. ANS: D	ollowing nutrients dy tissues?	s yields energy a	7: Page 6 Ind also provides materials that form structures and carbohydrates vitamins fats proteins 7: Page 5
	ANS: B Which of the foing parts of boo a. b. c. d. ANS: D	ollowing nutrients ly tissues? PTS: 1	s yields energy a	7: Page 6 Ind also provides materials that form structures and carbohydrates vitamins fats proteins 7: Page 5
	ANS: B Which of the foing parts of boota. b. c. d. ANS: D One gram of ale	ollowing nutrients ly tissues? PTS: 1	s yields energy a	r: Page 6 Ind also provides materials that form structures and carbohydrates vitamins fats proteins r: Page 5 ies?
	ANS: B Which of the foing parts of boo a. b. c. d. ANS: D One gram of alea.	ollowing nutrients ly tissues? PTS: 1	s yields energy a	r: Page 6 Ind also provides materials that form structures and carbohydrates vitamins fats proteins r: Page 5 ies? two

ANS: C	PTS: 1	REF: Page 6
11. Which of the	following statements be	est defines an "essential" nutrient?
a.	·	It is necessary for good health and proper functioning of the body.
b.		It can be obtained only from the diet.
c.		It can be manufactured by the body from raw materials.
d.		It can be manufactured by the body itself.
ANS: B	PTS: 1	REF: Page 5
12. Which of the	following is an effect o	f physical activity on the body?
a.		increased lean body tissue
b.		increased risk of cardiovascular diseases
c.		increased bone density
d.		slower wound healing
ANS: C		REF: Page 17
	owing is the most credil	ble source of nutrition information?
	owing is the most credil	
.Which of the follo	owing is the most credil	ble source of nutrition information?
Which of the follo	owing is the most credit	ble source of nutrition information? newspaper articles
Which of the follows: a. b.	owing is the most credit	ble source of nutrition information? newspaper articles health magazines
a. b. c.	owing is the most credit	ble source of nutrition information? newspaper articles health magazines scientific journals
a. b. c. d. ANS: C	PTS: 1	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs
a. b. c. d. ANS: C	PTS: 1	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16
a. b. c. d. ANS: C What class of	PTS: 1	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16 eppers their burning taste?
a. b. c. d. ANS: C 4. What class of a.	PTS: 1	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16 eppers their burning taste? nonnutrient
a. b. c. d. ANS: C 14. What class of a. b.	PTS: 1	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16 eppers their burning taste? nonnutrient nutrient
.Which of the followa. a. b. c. d. ANS: C 14. What class of a. b. c.	PTS: 1	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16 eppers their burning taste? nonnutrient nutrient supplement
.Which of the folloa. a. b. c. d. ANS: C 14. What class of a. b. c. d. ANS: A	PTS: 1 PTS: 1 PTS: 1 ame given to research the	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16 eppers their burning taste? nonnutrient nutrient supplement toxin REF: Page 6
.Which of the followa. a. b. c. d. ANS: C 14. What class of a. b. c. d. ANS: A	PTS: 1 PTS: 1 PTS: 1 ame given to research the	ble source of nutrition information? newspaper articles health magazines scientific journals TV programs REF: Page 16 eppers their burning taste? nonnutrient nutrient supplement toxin

	c.	case study
	d.	laboratory study
	ANS: A PTS: 1 REF	Page 12
6.	Which of the following types of nutrition research	h designs shows the effects of treatments?
	a.	randomized controlled trials (RCT)
	b.	case study
	c.	laboratory study
	d.	blind experiment
	ANS: C PTS: 1 REF	T: Page 12–13
7.		the health of the digestive tract, but too much fibre le teristic of diet planning that takes this fact into account
	a.	adequacy
	b.	calorie control
	c.	moderation
	d.	balance
		balance 2: Page 9
8.	ANS: C PTS: 1 REF	'
8.	ANS: C PTS: 1 REF	: Page 9
8.	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods?	e: Page 9 with many calories. What is the name for these types
3.	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods? a.	e: Page 9 with many calories. What is the name for these types partitioned
8.	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods? a. b.	erriched
8.	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients of foods? a. b. c. d.	e: Page 9 with many calories. What is the name for these types partitioned enriched processed
	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods? a. b. c. d. ANS: A PTS: 1 REF	en day almost half of our population does NOT cons
	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods? a. b. c. d. ANS: A PTS: 1 REF cording to data from a national survey, on any giv	en day almost half of our population does NOT cons
	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods? a. b. c. d. ANS: A PTS: 1 REF cording to data from a national survey, on any give enough of one particular category of food. What	partitioned enriched processed natural Page 7 en day almost half of our population does NOT consfood category is that?
	ANS: C PTS: 1 REF Sugar, butter, and corn oil provide few nutrients foods? a. b. c. d. ANS: A PTS: 1 REF cording to data from a national survey, on any givenough of one particular category of food. What a.	with many calories. What is the name for these types partitioned enriched processed natural Page 7 en day almost half of our population does NOT constood category is that? fruits and vegetables

20. What is the name for foods that have been subjected to any modification, such as addition of additives, milling, or cooking?

	a.	enriched
	b.	partitioned
	c.	processed
	d.	natural
	ANS: C PTS: 1	REF: Page 7
	In Southeast Asia, rice is an example of w	what kind of food?
	a.	fortified
	b.	processed
	c.	staple
	d.	natural
	ANS: C PTS: 1	REF: Page 7
2.	When given to severely ill people unable	eat ordinary food, elemental diets are designed to do wh
	a.	support life
	b.	enable people to thrive
	c.	support optimal growth
	d.	support health
	ANS: A PTS: 1	REF: Page 6
3.		
i.	A nutritious diet should provide enough o	
3.	A nutritious diet should provide enough of this principle of diet planning?	of each essential nutrient, fibre, and energy. What is the
	A nutritious diet should provide enough of this principle of diet planning?	of each essential nutrient, fibre, and energy. What is the moderation
3.	A nutritious diet should provide enough of this principle of diet planning? a. b.	moderation adequacy
3.	A nutritious diet should provide enough of this principle of diet planning? a. b. c.	moderation adequacy variety
	A nutritious diet should provide enough of this principle of diet planning? a. b. c. d. ANS: B PTS: 1	moderation adequacy variety balance REF: Page 8
	A nutritious diet should provide enough of this principle of diet planning? a. b. c. d. ANS: B PTS: 1 How many calories are there in a food that	moderation adequacy variety balance
	A nutritious diet should provide enough of this principle of diet planning? a. b. c. d. ANS: B PTS: 1 How many calories are there in a food that grams of fat?	moderation adequacy variety balance REF: Page 8 at contains 20 grams of carbohydrate, 8 grams protein, a
4.	A nutritious diet should provide enough of this principle of diet planning? a. b. c. d. ANS: B PTS: 1 How many calories are there in a food that grams of fat? a.	moderation adequacy variety balance REF: Page 8 at contains 20 grams of carbohydrate, 8 grams protein, a

25. A food provides 8 grams of fat and 300 total calories. What is the percentage of calories as fat in this product?

a.	24%
o.	30%
c.	48%
d.	52%
ANS: A PTS: 1	REF: Page 6
Which of the following foods of	offers the most nutrients per calorie?
a.	carrots
b.	potatoes
c.	green peas
d.	corn
ANS: A PTS: 1	REF: Page 18
There is a compound in crophe	
	ry tract. What is the general term for this type of compound?
teria from clinging to the urina	
teria from clinging to the urina a.	ry tract. What is the general term for this type of compound? functional food
teria from clinging to the urina a. b.	functional food phytochemical
teria from clinging to the urina a. b. c.	functional food phytochemical natural food nutraceutical
teria from clinging to the urina a. b. c. d. ANS: B PTS: 1	functional food phytochemical natural food nutraceutical REF: Page 6
teria from clinging to the urina a. b. c. d. ANS: B PTS: 1 Your best friend tells you that s	functional food phytochemical natural food nutraceutical REF: Page 6
teria from clinging to the urina a. b. c. d. ANS: B PTS: 1 Your best friend tells you that syou respond to her statement?	functional food phytochemical natural food nutraceutical REF: Page 6 She has started taking vitamin supplements to give her energy. He Vitamins are organic and are a great energy
teria from clinging to the urina a. b. c. d. ANS: B PTS: 1 Your best friend tells you that syou respond to her statement? a.	functional food phytochemical natural food nutraceutical REF: Page 6 she has started taking vitamin supplements to give her energy. Ho Vitamins are organic and are a great energy source. When vitamins are combined with carbohydrates, they provide an excellent energy

29. Most foods that are high in calcium are poor sources of iron. What is the term given to the characteristic of a nutritious diet that provides healthy amounts of both these nutrients?

a.	adequacy
b.	variety
c.	moderation

d.	balance
----	---------

ANS: D PTS: 1 REF: Page 9

a.	A monotonous diet leads to greater eating
	pleasure.
b.	A monotonous diet may lack some less well-
	known nutrients and some nonnutrient food components that could be important to health.
	A monotonous diet may deliver large amounts
C.	of unwanted toxins or contaminants.
d.	A monotonous diet may lead to decreased appetite and severe weight loss.
ANS: B PTS: 1	REF: Page 9
Three ounces of beef stew offers	about the same amount of iron as three ounces of water-packed
the beef contains over 300 calorie difference?	es while the tuna contains about 100 calories. What is the term
	16-1
a. 1	balance
b.	moderation
C.	dietary variety
d.	nutrient density
ANS: D PTS: 1	REF: Page 18–19
You see a new finding about nutr sponse to information from this s	ition reported in your local newspaper. What is your most prudource?
a.	You decide that the information is factual.
b.	You wait until there are confirmed results to apply the finding.
c.	You feel confident about changing your diet accordingly.
d.	You attribute it to media sensationalism.
ANS: B PTS: 1	REF: Page 13
	REF: Page 13 ts best defines "enriched" as it is applied to a food product?
	Ç

The product is superior to similar products.

The product could be either nutritious or not

nutritious.

ANS: D PTS: 1 REF: Page 7

c.

d.

	n a gram of carbohydrate or protein?
a.	
b.	4
c.	7
d.	9
ANS: B PTS:	REF: Page 6
	was coined as a name for foods that might lend protection against chts or nonnutrients they contain?
a.	organic foods
b.	natural foods
c.	basic foods
d.	functional foods
ANS: D PTS:	REF: Page 7
ANS. D 115.	KEP. Page /
An important general dietary which of the following food §	guideline is to limit calorie intake and obtain more and varied selecti roups?
a.	fruits and vegetables
b.	baked goods
c.	processed meat products
d.	alcohol
ANS: A PTS:	REF: Page 15–17
	eteristics of a claim about nutrition would lead you to doubt its valid
a.	It appears in a scientific journal and is written by a professional dietitian.
b.	It is being made by a dietitian who is paid to make claims.
c.	The evidence used to support the claim is in the form of laboratory tests.
d.	It is written by a dietist.
ANS: D PTS:	REF: Page 21–24
. Which of the following is cha	racteristic of a legitimate and qualified nutrition expert?
a.	completion of an approved internship or the equivalent
b.	graduation from a college after completing a program of dietetics
c.	using the term nutritionist after the individ-

		ual's name
d.		graduation from a correspondence program with an internship
ANS: A	PTS: 1	REF: Page 26
Which of the folloname?	owing organizations	confers the credential "R.D.," which is displayed after a dieti
a.		International Academy of Nutritional Consultants
b.		Canadian Society for Clinical Nutrition
c.		Canadian Association of Nutrition and Dietary Consultants
d.		Dieticians of Canada
ANS: D	PTS: 1	REF: Page 23
What is the name	commonly given to	an Internet story that gains strength of conviction solely on the
sis of repetition?	commonly given to	an internet story that gams strength of conviction solery on the
a.		advertorial
b.		anecdotal evidence
c.		urban legend
d.		infomercial
ANS: C	PTS: 1	REF: Page 21
What is the recom	ımended maximum p	percentage of total calories from fats for Canadian adults?
a.	•	5%
b.		15%
c.		25%
d.		35%
ANS: B	PTS: 1	REF: Page 9
The integration of What is this area of		science, and molecular biology has launched a new area of stu-
a.		nutrition genetics
b.		nutritional genomics
c.		nutritional molecular science
d.		nutritional science
ANS: B	PTS: 1	REF: Page 4

39.

40.

41.

42.

43. Suzanne is a person who includes only foods from plant sources in her diet. What is the term used to de-

scribe this dietary practice?

a.	lacto-vegetarian
b.	vegan
c.	omnivore
d.	carnivore

ANS: B

PTS: 1

REF: Page 10

44. Which of the following terms is used to describe a product that has been isolated from food, is often sold in pill form, and is believed to have medicinal effects?

a.	nutraceutical
b.	function foods
c.	partitioned
d.	organic

ANS: A

PTS: 1

REF: Page 7

45. Which one of the following factors primarily drives food choices?

a.	genetics
b.	lifestyle
c.	nutritional value
d.	climate of the country

ANS: C

PTS: 1

REF: Page 10

46. What is the name given to a study in which the investigators do not manipulate the study variables of interest but instead monitor them over time?

terest out instead memor them over time.					
	a.	cohort study			
	b.	case-control study			
	c.	epidemiological study			
	d.	community health survey			

ANS: A

PTS: 1

REF: Page 12

47. Which of the following is a function of provincial regulatory bodies?

a.	accrediting correspondence schools in dietetics
b.	protecting the use of regulated title designation and initials
c.	randomly monitoring the competence of members
d.	communicating with the public via the Inter-

					net only
	ANS: B	PTS:	1	REF:	Page 23
48.	About how many Ca	ınadians	are physically	inactiv	ve?
	a.				23%
	b.				47%
	c.				52%
	d.				71%
	ANS: C	PTS:	1	REF:	Page 17
49.	What is the name for	r the stud	ly of how a per	son's	genes interact with nutrients?
	a.				genetic counselling
	b.				nutritional genomics
	c.				nutritional nucleic acid pool
	d.				genetic metabolomics
	ANS: B	PTS:	1	REF:	Page 4
RUI	E/FALSE				
1.	Malnutrition include harmful over time.	es deficie	ncies, imbalan	ces, ar	nd excesses of nutrients. Any of these factors can
	ANS: T	PTS:	1	REF:	Page 2
2.	Once a new finding	is publis	hed in a scienti	fic jou	urnal, it is considered preliminary.
2.	Once a new finding ANS: T	is publis! PTS:		·	rnal, it is considered preliminary. Page 13

	3. When a hospital client has to be fed through a vein, the duration should be as short as possible, and real food should be reintroduced as early as possible.						
	ANS:	Т	PTS:	1	REF:	Page 6	
4.	. Enriched and fortified foods are not necessarily more nutritious than whole basic foods.						
	ANS:	T	PTS:	1	REF:	Page 7	
5.	5. If you live to be 65 or older, you will have consumed more than 70,000 meals.						
	ANS:	T	PTS:	1	REF:	Page 2	
6.	6. Cultural traditions regarding food are static and inflexible.						
	ANS:	F	PTS:	1	REF:	Page 10	
7.	7. All humans share 99.9% of the human genome.						
	ANS:	T	PTS:	1	REF:	Page 4	
8.	8. Much of the nutrition information found on the Internet is fiction.						
	ANS:	Т	PTS:	1	REF:	Page 14	
9.	9. Energy intakes should not exceed the body's energy needs.						
	ANS:	Т	PTS:	1	REF:	Page 9	
10.). When trying to detect fake credentials for individuals calling themselves dietitians, one must recognize that a university degree is almost invariably legitimate in Canada.						
	ANS:	Т	PTS:	1	REF:	Page 24–26	
SHORT ANSWER							
1.	Why do	-	of food	ls available to ι	ıs today	make it more difficult, rather than easier, to plan nu-	
	ANS: The number of foods supplied by the food industry today is astounding. Many foods are processed mixtures of basic foods, and this abundance of products makes it more difficult to plan a nutritious diet.						
	PTS:	1	REF:	Page 7–8			

2. Describe why people should not make changes in their diet based on results of a single research study.

ANS:

Nutrition is a relatively new science, and because it is constantly changing, scientific findings are often inclusive, contradictory, or subject to conflicting interpretations.

PTS: 1 REF: Page 11–13

3. Identify the functions of food, in addition to providing nutrients.

ANS:

Food conveys emotional satisfaction and hormonal stimuli that contribute to health. Food also contains phytochemicals that give them their tastes, aromas, colours, and other characteristics.

PTS: 1 REF: Page 6–7

4. Identify and briefly describe the five characteristics of a nutritious diet.

ANS:

1. Adequacy: the dietary characteristic of providing all of the essential nutrients, fibre, and energy in amounts sufficient to maintain health and body weight.2. Balance: the dietary characteristic of providing foods of a number of types in proportion to each other such that foods rich in some nutrients do not replace foods that are rich in other nutrients. Also called proportionality.3. Calorie control: control of energy intake; a feature of a sound diet plan.4. Moderation: the dietary characteristic of providing constituents within set limits, not to excess.5. Variety: the dietary characteristic of providing a wide selection of foods - the opposite of monotony.

PTS: 1 REF: Page 8-10

5. Explain the concept of nutrient density and give an example.

ANS:

Nutrient density is a measure of nutrients provided per calorie of food. In other words, a food that is rich in nutrients, relative to its energy contents. Example: milk is more nutrient dense than ice cream.

PTS: 1 REF: Page 17–19

6. Describe how you would determine if an Internet site offers reliable nutrition information.

ANS:

A person should ask himself/herself the following questions:1. Who is responsible for the site?2. Do the names and credentials of information providers appear? Is an editorial board identified?3. Are links with other reliable information sites provided?4. Is the site updated regularly?5. Is the site selling a product or service?6. Does the site charge a fee to gain access to it?

PTS: 1 REF: Page 22–24

7. Describe the potential benefits of physical activity.

ANS:

Reduced risk of cardiovascular disease; increased cardiovascular endurance; increased muscle strength and endurance; increased flexibility; reduced risk of type 2 diabetes; reduced risk of some types of cancer (especially colon and breast); improved mental outlook and lessened likelihood of depression; improved mental functioning; feeling of vigour; feeling of belonging – the companionship of sports; strong self-image and belief in one's abilities; reduced body fatness, increased lean tissue; a more youthful appearance, healthy skin, and improved muscle tone; greater bone density and lessened risk of adult bone loss in later life; increased independence in the elderly; sound, beneficial sleep; faster wound healing; lessening or elimination of menstrual pain; improved resistance to infection.

PTS: 1 REF: Page 17

8. Identify factors that drive food choices.

ANS:

Factors include: advertising; availability of food; economy; emotional comfort; habit; personal preference and genetic inheritance; positive associations; region of the country; social pressure; values or beliefs; weight; nutritional value.

PTS: 1 REF: Page 10

9. Describe the characteristics of scientific research.

ANS:

Research scientists follow the scientific method. This method includes: observation and question; hypothesis and prediction; experiment; results and interpretations; and, if the hypothesis is supported, a theory. If the hypothesis is not supported, new observations and questions.

PTS: 1 REF: Page 11–13

10. Provide some specific examples of how vitamins and minerals serve as regulators in the body.

ANS:

Vitamins and minerals assist the body in all processes: digesting food; moving muscles; disposing of wastes; growing new tissues; healing wounds; obtaining energy from carbohydrate, fat and protein; and participating in every other process necessary to maintain life.

PTS: 1 REF: Page 5

11. Is it possible to take dietary supplements in place of food? Why, or why not?

ANS:

Supplements of nutrients still lack something that foods provide. The digestive tract changes constantly in response to the foods it receives. Food offers both physical and emotional comfort.

PTS: 1 REF: Page 6