1. Which of the following conditions is the most responsive to nutrition?

MULTIPLE CHOICE

	a. diabetesb. iron deficiency ac. sickle cell diseasd. heart disease					
	ANS: B	PTS:	1	REF:	Page 4	BLM: Remember
2.	What is the name for a. epigenetics b. genetic counsellic. nutritional nucleid. genetic metabolo	ng ic acid p		ental in	ifluences on ge	netic expression?
	ANS: A	PTS:	1	REF:	Page 4	BLM: Remember
3.	The integration of nu What is this area of s a. nutrition genetics b. nutritional genon c. nutritional molecular d. nutritional science.	tudy ca s nics cular sci	lled?	ce, and	molecular biolo	ogy has launched a new area of study
	ANS: B	PTS:	1	REF:	Page 4	BLM: Remember
4.	How many classes of a. 2 b. 4 c. 6 d. 8					
	ANS: C	PTS:	1	REF:	Page 5	BLM: Remember
5.	Which of the followi a. minerals b. carbohydrate c. water d. alcohol	ng nutri	ients is conside	red orga	anic?	
	ANS: B	PTS:	1	REF:	Page 5	BLM: Remember
6.	Which of the followi working parts of bod a. carbohydrates b. vitamins c. fats d. proteins			rgy and	l also provides	materials that form structures and
	ANS: D	PTS:	1	REF:	Page 6	BLM: Higher order

7.	a. pr		ng nutri	ents is energy	yielding	<u>;</u> ?		
	ANS:	A	PTS:	1	REF:	Page 6	BLM:	Remember
8.	a. It b. It c. It	of the following of the following is necessary for can be obtained can be manufacted to the following in the following in the following is not the following in the following in the following is not the following in the following is necessary for the f	r good l d only f ctured b	nealth and prop rom the diet. by the body from	er func m raw i	tioning of the b		
	ANS:	В	PTS:	1	REF:	Page 6	BLM:	Remember
9.	a. far b. pr c. wa		ng nutri	ents is the mos	t energ	y rich?		
	ANS:	A	PTS:	1	REF:	Page 7	BLM:	Remember
10.	a. un b. kil	of the following of the following the follow	ng units	do food scient	ists use	to measure foo	od energ	gy?
	ANS:	В	PTS:	1	REF:	Page 7	BLM:	Remember
11.	a. It b. It c. It	of the following contributes no interferes with is a nutrient.	Calorie repair o	s. of body tissues.		lcohol?		
	ANS:	В	PTS:	1	REF:	Page 7	BLM:	Remember
12.	How r a. 2 b. 4 c. 7 d. 9	nany Calories a	are there	e in 1 gram of o	carbohy	drate or protein	1?	
	ANS:	В	PTS:	1	REF:	Page 7	BLM:	Remember

13.	How many Calories a. 2 b. 4 c. 7 d. 9	does 1 g	gram of alcohol	provid	e?	
	ANS: C	PTS:	1	REF:	Page 7	BLM: Remember
14.	How many Calories grams of fat? a. 132 Calories b. 157 Calories c. 231 Calories d. 297 Calories	are there	e in a food that	contair	ns 20 grams of c	carbohydrate, 8 grams protein, and 5
	ANS: B	PTS:	1	REF:	Page 7	BLM: Higher order
15.	When given to sever a. support life b. enable people to c. support optimal g d. enhance digestive	thrive growth		eat ord	linary food, wh	at are elemental diets designed to do
	ANS: A	PTS:	1	REF:	Page 7	BLM: Higher order
16.	What class of compo a. nonnutrient b. nutrient c. supplement d. toxin	ound giv			urning taste? Page 8	BLM: Higher order
17.	There is a compound	in cran	berries that ma	y help j	prevent urinary	tract infections by preventing certair n for this type of compound?
	ANS: B	PTS:	1	REF:	Page 8	BLM: Higher order
18.	On any given day, al category? a. dairy products b. vegetables and fr c. meat and alternat d. grain products ANS: B	ruit			oulation does No Page 8	OT consume enough of which food BLM: Remember
	11.10. D	1 10.	•	1111.	1 460 0	ZZ Remember

19.	 Which of the following statements best defines "enriched" as it is applied to a food product? a. The product is low in Calories and high in nutrients. b. The product is more expensive to purchase. c. The product is superior to similar products. d. The product could be either nutritious or not nutritious. 								
	ANS: D	PTS: 1		REF:	Page 9	BLM: Higher order			
20.	Which of the followi sold in pill form, and a. nutraceutical b. nonnutrient c. partitioned d. phytochemical					s been isolated from food, is often			
	ANS: A	PTS: 1		REF:	Page 9	BLM: Higher order			
21.	Which of the following diseases by way of the autorial foods but natural foods curve basic foods durational foods durational foods					tht lend protection against chronic			
	ANS: D	PTS: 1		REF:	Page 9	BLM: Higher order			
22.	Sugar, butter, and corof foods? a. partitioned b. enriched c. processed d. natural	rn oil prov	vide few nutri	ents w	ith many Calor	ies. What is the name for these types			
	ANS: A	PTS: 1		REF:	Page 9	BLM: Higher order			
23.	milling, or cooking? a. enriched b. partitioned c. processed d. natural			·		on, such as the addition of additives,			
	ANS: C	PTS: 1		REF:	Page 9	BLM: Higher order			
24.	In Southeast Asia, rica. fortified b. processed c. natural d. staple	ce is an ex	cample of wha	at kind	of food?				
	ANS: D	PTS: 1		REF:	Page 9	BLM: Remember			

25.	A nutritious diet sho What is the name for a. moderation b. adequacy c. variety d. balance					, enough fibre, and enough energy.
	ANS: B	PTS:	1	REF:	Page 9	BLM: Higher order
26.						digestive tract, but too much fibre liet planning that takes this fact into
	ANS: C	PTS:	1	REF:	Page 10	BLM: Higher order
27.	What is the term give of toxins or contamina. adequacy b. variety c. moderation d. balance			that sug	ggests a monoto	onous diet may deliver large amounts
	ANS: B	PTS:	1	REF:	Page 10	BLM: Higher order
28.	For healthy Canadian fats? a. 5% b. 15% c. 25% d. 35%	n adults,	what is the rec	commer	nded maximum	percentage of total Calories from
	ANS: D	PTS:	1	REF:	Page 10	BLM: Remember
29.	What is the most acc plant sources in his of a. vegetarian b. carnivore c. omnivore d. vegan			cribe a p	person who is s	trict about only including foods from
	ANS: D	PTS:	1	REF:	Page 11	BLM: Higher order
30.	Which one of the fol a. genetics b. convenience c. nutritional value d. climate of the co		factors primaril	y drive	s food choices?	?
	ANS: B	PTS:	1	REF:	Page 11	BLM: Remember

31.	What factor is drivin someone they admire a. values or beliefs b. positive associat c. social pressure d. advertising	e?	choice when an	indivio	lual selects a fo	ood because the item is consumed by
	ANS: B	PTS:	1	REF:	Page 12	BLM: Higher order
32.	What is the name given interest but instead in a. cohort study b. case-control stude c. epidemiological d. community health.	nonitor t ly study	them over time		estigators do no	ot manipulate the study variables of
	ANS: A	PTS:	1	REF:	Page 14	BLM: Higher order
33.	Which of the followi a. randomized cont b. epidemiological c. blind experiment d. case studies	rolled to studies		esearch	designs shows	the effects of treatments?
	ANS: A	PTS:	1	REF:	Page 14	BLM: Higher order
34.	What is the name gives incidence in a popular a. epidemiological b. intervention study c. case study d. laboratory study	ation? study	search that loo	ks for c	orrelations betw	ween dietary habits and disease
	ANS: A	PTS:	1	REF:	Page 15	BLM: Higher order
35.	What anthropometrica. glucose level b. food intake c. body height d. health history	e inform	ation may be o	btained	as part of an ir	ndividual's nutritional assessment?
	ANS: C	PTS:	1	REF:	Page 15	BLM: Higher order
36.	What daily nutrition the age of 50 years? a. folic acid b. vitamin D c. calcium d. iron	supplen	nent does the C	Canadia	n food guide red	commend for men and women over
	ANS: B	PTS:	1	REF:	Page 17	BLM: Remember

37. Approximately how many Canadians are physically inactive?

	a. 23% b. 47% c. 52% d. 71%	,	r	y ************************************	,	
	ANS: C	PTS:	1	REF:	Page 17	BLM: Remember
38.	You see a new finding response to informat a. You decide that b. You wait until the c. You feel confidence d. You attribute it to	ion fron the info nere are ent abou	n this source? rmation is factu confirmed resu t changing you	ıal. lts to aj r diet ad	pply the finding	spaper. What is your most prudent
	ANS: B	PTS:	1	REF:	Page 18	BLM: Higher order
39.	Which of the follows a. newspaper articl b. health magazine c. scientific journal d. TV programs	es s	ia is the most c	redible	source of nutri	tion information?
	ANS: C	PTS:	1	REF:	Page 18	BLM: Remember
40.	Which of the follows a. increased lean be b. increased risk of c. decreased bone of d. slower wound he	ody tissi cardiov density	ie		ivity on the bod	ly?
	ANS: A	PTS:	1	REF:	Page 19	BLM: Remember
41.	Which of the follows a. diced carrot b. mashed potato c. pork sausage d. black coffee	ing food	s offers the mo	st nutri	ents per Calorio	e?
	ANS: A	PTS:	1	REF:	Page 20	BLM: Higher order
42.						s three ounces of water-packed tuna, bout 100 Calories. What is the term
	ANS: D	PTS:	1	REF:	Page 20	BLM: Higher order

43.	basis a. ac b. ai c. ur	is the name con of repetition? dvertorial necdotal eviden rban legend nfomercial	·	given to an In	ternet s	tory that gains :	strength	n of conviction solely on the
	ANS:	: C	PTS:	1	REF:	Page 21	BLM:	Higher order
44.	dietiti a. Ir b. C c. C d. D	ians to practice of ternational Academical Academian Society Canadian Associonisticans of Canadians of Canadi	? ademy of y for Cla ation of ada	of Nutritional C inical Nutrition f Nutrition and	Consulta Dietary	nnts Consultants		ernship programs that qualify
	ANS:	: D	PIS:	1	REF:	Page 25	BLM:	Remember
45.	a. ac b. pr c. ra	h of the following corrections the purpose of the p	esponder ablic fro oring the	nce schools ind m unsafe dietet e competence o	ietetics ic prac of memb	tice		ic regulatory bodies?
	ANS:	В	PTS:	1	REF:	Page 25	BLM:	Remember
46.	a. It b. It c. T	h of the following appears in a period is being made the evidence superiod is written by a	eer-revie by a reg pporting	ewed scientific gistered dietitian	journal n.			ead you to doubt its validity?
	ANS:	: D	PTS:	1	REF:	Page 25	BLM:	Higher order
47.	a. cob. grc. us	ompletion of an raduation from sing the term no raduation from	approv a colleg utritioni	red internship of ge after completest after the indi- spondence prog	r the ecting a p vidual' ram wi	juivalent rogram of diete s name	etics	nutrition expert? Remember
				_		- 1.64 - 4		
TRUI	E/FAL	SE						
1.		utrition include ful over time.	s deficie	encies, imbalan	ces, an	d excesses of n	utrients	. Any of these factors can be
	ANS:	T	PTS:	1	REF:	Page 3		
2.	A goo	od diet alone wi	ill preve	nt an individua	l from	getting heart di	sease.	
	ANS:	F	PTS:	1	REF:	Page 3		

3.	All humans share 99.9% of the human genome.								
	ANS: T	PTS:	1	REF:	Page 4				
4.	Alcohol is a nutrient	that yie	lds energy for t	the bod	y.				
	ANS: F	PTS:	1	REF:	Page 7				
5.	5. 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: T	PTS:	1	REF:	Page 7				
6.	A basic premise of dipossible.	ietary g	uidelines is tha	t food s	hould provide nutrients over supplements whenever				
	ANS: T	PTS:	1	REF:	Page 7				
7.	Enriched and fortifie	d foods	are not necessa	arily mo	ore nutritious than whole basic foods.				
	ANS: T	PTS:	1	REF:	Page 9				
8.	Cultural traditions re	garding	food are static	and inf	lexible.				
	ANS: F	PTS:	1	REF:	Page 11				
9.	Once a new finding i	s publis	hed in a scienti	ific jou	rnal, it is considered preliminary.				
	ANS: T	PTS:	1	REF:	Page 13				
10.	Canada's guidelines f	for healt	thy eating inclu	ide info	rmation on diet and physical activity.				
	ANS: T	PTS:	1	REF:	Page 17				
SHOI	SHORT ANSWER								
1.	Provide specific exar	nples of	f how vitamins	and mi	nerals serve as regulators in the body.				
		tissues	; healing woun	ds; obta	ses: digesting food; moving muscles; disposing of ining energy from carbohydrate, fat, and protein; to maintain life.				
	PTS: 1	REF:	Page 6						

ANS:

The body cannot make these nutrients for itself. You must consume these nutrients in your diet or you will develop deficiencies. Essential nutrients are found in all six classes of nutrients.

PTS: 1 REF: Page 6

2. What is meant by the term "essential nutrient?"

3. What are the functions of food, besides providing nutrients?

ANS:

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

PTS: 1 REF: Page 7-8

4. Why does the variety of foods available to us today make it more difficult, rather than easier, to plan nutritious diets?

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. To select well among foods, you need to know more than the product names, you need to know the foods' inner qualities and how to combine foods into a nutritious diet.

PTS: 1 REF: Page 8

5. 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 10

6. Identify and explain 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 11-12

7. Describe why people should not make changes in their diets based on the 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. Most research projects result in new questions and not final answers.

PTS: 1 REF: Page 12-13

8. 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 19

9. 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 is considered nutrient dense. For example, milk is more nutrient dense than ice cream.

PTS: 1 REF: Page 20

10. Describe how you would determine whether an Internet site offers reliable nutrition information.

ANS:

A person should ask him or 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 23-24