1008

Roll No	OMR Sheet No
	O1/11 D1100t 110

## Ph.D.-2018 HOME SCIENCE ENTRANCE TEST, MARCH 2020

Time: 2 Hours Maximum Marks: 200

Number of Pages in this Booklet: 20 Number of Questions in this Booklet: 100

## INSTRUCTIONS FOR THE CANDIDATES

- (i) Check this booklet carefully for the sequence of pages and questions. If it is defective due to pages/questions missing or not in serial order or any other discrepancy it should be got replaced immediately from the invigilator within the period of 5 minutes. Afterwards neither the Question Booklet will be replaced nor any extra time will be given.
- (ii) After this verification write your Roll No. and OMR Sheet Number on this Question Booklet.
- (iii) Use only Black or Blue ball point pen.
- (iv) This paper consists of <u>100</u> multiple choice type questions. Each question has four alternative answers (a), (b), (c) and (d). <u>Only one of these alternative answer is correct</u>. You are required to darken completely the circle of correct answer in the OMR Sheet.
- (v) There is no negative marking.
- (vi) Do not write anything other than relevant entries or put any mark on any part of the OMR Sheet, which may disclose your identity, otherwise you will render yourself liable to disqualification.
- (vii) Use of electronic gadgets such as pager, cell phone, calculator and log table etc. is prohibited.
- (viii) Rough Work may be done in the end of this booklet.
- (ix) You have to <u>return the OMR Sheet</u> to the invigilator at the end of the examination compulsorily.

Ph.D.-2018/30/KD/4

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4/1

		2 possessing due to which	of the follo	wing o	organism has the shortest incubation period?	领
	(a)	Saimonella	stoked)	(b)	Staphyllococcus	old:
	(c)	Clostridium botulism	(The half	(d)		
2.	Whi	ch of the following is NC	T TRUE o	f free r	radicals? eq s + paraollos ada lo des 147.	
	(a)	Beta-carotene helps in no	eutralizing f	ree rad	licale	
	(b)	Deficiency of free radica				
	(c)	Exercise helps in neutral	izing free r	adicale	oma seatu i viden — yttiged, i i ji	
vel.	(d)				irce of free radicals	
			7 8	Sing.	and of neclaticals, happing south form deliter.	
3.	Med	lian is measure of:	,		(a) Polect Soyabcan, Bertale and Br	
	(a)	Skewness		(b)	Correlation and control asoday & . (a)	
	(c)	Central tendency		(d)	Dispersion.	
				507 1	ro) Feye Soyobed. Tulat, Builden	
4.	Wh	ich of the following vitam	in affects m		sm of calcium in our body?	
4	(a)				Vitamin B 1010 grawolich eda to denfw	. 400
	(c)	Vitamin C	Endende .	(d)	Vitamin D.	
13		Till the second	il sioneski	(6)	(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
5.	Mil	k pasteurization is tested b	y:			
Sin	(a)	OTA test	Spranic Y.I	(b)	Phosphatase test	
	(c)	Nitric acid test		(d)	Acid chromatin test	
		utilizat ja valuus barkee a			(a) Assorbed gueve cabb es amb. o	
6.		eon chest results from			(b) Guay anda orange massaula d	
	(a)	Fluorosis		(b)	Rickets	
	(c)	Lathyrism		(d)	Epidemic dropsy.	
		kest et ford kontrasionalosed				
7.	Wh	ich of the following fruits	have maxin	num ca	lories by weight?	
	(a)	Guava		(b)	Banana Mistron stote (1994)	
	(c)	Apple	o aib iz i	(d)	Orange.	
Ph.	D20	18/30/KD/4		(3)	e\CDI\ue are [P.T.O.	

Whic	ch of the fo	ollowing is NO	OT a food	borne d	isease? I to doubly c	n sub gamericq	hoc
(a)	Amebiasis	escibe.	Paphylloc	(b)	Cholera	alloronite?	. (
(c)	Typhoid	sedingset a	(Yoskirdian	(d)	Chicken pox.	Cleserdium bound	
Wh	nich of the	Collowing is a	poor source	of iron	? BUST TON al gm	ce of the follow	ad Vi
(a)	Meat		218	(b)	Spinach on ni sqior	і этокочар-ы. А	
(c)	Jaggery		cer	(d)	Butter. depaher oor	Deficionary of	
				elacibe	io o sectizing free r	Exercise helps	. (0
		following seque ave protein cor			correctly arranged in	decreasing prop	orti
(a	a) Pulses,	Soyabean, Buf	falo milk, Eg	ggs	in	entrasejan si pelil	
(1	b) Soyabe	an, Pulses, Egg	s, Buffalo m	ilk <sub>(j)</sub>		Skawness	(4)
(	c) Pulses,	Soyabean, Buf	falo milk, Eg	ggs	ξ»	Control transfer	(5)
(	(d) Eggs, S	Soyabean, Pulse	s, Buffalo m	ilk.			
	(a) Aflator	kicosis nic dropsy	O minutes	(d)	Endemic ascites Neurolathyrism.	VideoC	
					. ,-		
12.	Which of the	e following sequence of food items?	iences is CO	RRECT	LY arranged in decrea		con
	(a) Amara	anth, guava, cab	bage, amla, c	range	i i		(3)
		i, amla, orange,		Č			
		e, amla, guava,	2), 1277 13	( Year )		staron basto noos	
	(d) Amla	guava, cabbage	, amaranth, o	range.		\$120F1@F	(a)
13.	Egg protoi-	in also labati				Lubyrisio	(1)
13.	(a) Protei	n content	as 'reference	protein'	because of its high:		
	(4) 110101	n/fat ratio	march.	<b>(b)</b>	Net protein utilization	all all in dan	W
	(0)		Orange	(d)	Avidin content.	9 29900	(3)
		/KD / 4				Aces.A.	97
Ph.[	D2018/30	7 KU / 4		(4)			

14.	Daily	caloric requirement of an average	hard wo	orking male laborer	is: settle changing	
	(a)	Less than 2300	(d (b)	2400–2500		(1)
	(c)	2600–2700 The Late and Late grade A		More than 2800.		
15.	Whi	ch of the following pair of words DC	ES NO	Γ share the same rel	ationship as in of	har nai-a0
	(a)	Proteins: Marasmus	(b)	Niacin: Pellagra	economy as in ou	
	(c)	Iron: Anemia	(d)	Sodium : Rickets.		
16.	Whi	ich of the following items DOES No	OT belo		ry offsit alt to sa	
	(a)	Carrot	(b)	Potato		
	(c)	Tomato	(d)	Ginger.		
			167	•	той язоо л	
17.	Che	oose a word from the following to fisame: Mustard:	ll in the	BLANK to get with	n the series : Gro	oundnuts:
	(a)	Cereals (1965) 80 ft (1966) pair	(b)	Legumes	out of the folice	at Wh
	(c)	Leafy vegetables	(d)	Oilseeds.		(1)
18.	WI		(b)	•		
	(a)	High essential fatter and				
	(c)	, c	(b)	High saturated fatt	-	25, Put
	(0)	High mono-unsaturated fatty acid	` '	High poly-unsatur	ated fatty acid.	
19	. w	hich of the following has the highest	calories			
	(a)	) Cow's milk	(b)	Buffalo's milk	roll and to the	dw as
	(c	Vin harianti	(d)	Human milk.	The continues	(a)
		Fillen of	(b)		lin watting	
20	). W	hich of the following has the highest	calories	per unit quantity (1	00 om\2	
	(a	) Egg	<b>(b)</b>	Groundnut	una on ja areaga	TT Pres
	(c	4796 p. 11	(d)	Meat.	(20% that 20%)	(13
						Chi A
P	h.D	2018/30/KD/4	(5)		A STATE OF THE STA	IPTO

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21.	Milk	pasteurization involves:	ALLIN N	will offereas up to membranelia creasa su
	(a)	Adding chlorine to milk	£ 1d.(	(b) Cooling milk below zero degree
	(c)	Controlled heating of milk		11 months in 12 mo
22.	Epid	lemic dropsy is caused by consum	ption o	of contaminated? The air to double
	(a)	Pulses sagether; aloan	(t	b) Mustard oil zugranuch anistor (6)
	(c)	Groundnuts Rick and Russian	(b) <b>(d</b>	d) Potatoes. nimonA : noni (o)
23.	Whi	ich of the following is TRUE of Bo	otulism	food poisoning?
	(a)	Heating up to 100°C destroys its	toxin	(a) Carrot.
	(b)	There is NO anti-toxin for it		atour (3)
	(c)	It DOES NOT occur in infants		
1.81	<b>(b)</b>			Chesses a west from the following to fill i Sessine: Mostard
24.	Wh	ich of the following has the highest	fat per	unit quantity (100 gm)?
44.	(a)	Egg	(b)	Groundnut feldetago e grand (2)
	(c)	Soyabean	(d)	
	(-)	The self- Simulation of	lev ovil	tions to 301487 at growollot suft to doubte
25.	Par	boiling is done for:	(d)	to in gist integers shift (17)
	(a)	Milk pasteurization	(b)	
	(c)	Detoxifying Khesari dhal	(d)	Defluoridation of water.
26.			Linoleid	c acid per 100 gm?
20.	(a)	Seasame oil	(b)	
	(c)	Safflower oil	(d)	Palm oil.
		of Some whose some principle happing	goine tit	e bungin a <b>di, and panyi aliot es</b> t to dain at t
27.	Pre	valence of anemia in pregnant women		21%-30%
	(a)	Less than 20%	(b)	The same and the s
	(c)	31-50%	(d)	More than 50%.
-0	n -20	18/30/KD/4	(6)	ALGM: 06 (Shos. C.

28.	Whic	ch of the following has the highest	lactose p	per unit quantity (100 ml)?	35
	(a)	Cow's milk	(b)	Buffalo's milk	
	(c)	Goat's milk	(b)	Human milk.	
		Subprinced foot fearning the	(b)	(c) Samonella food poisoning	
29.	Ende	emic ascites occurs due to food con	tominati		
	(a)	Pyrrolizidine alkaloid	28 2 Jan	and the decid grayworld and in the decide will	36.
		Petallogical	(b)	Sanguinarine alkaloid	
	(c)	Ergot alkaloid	(d)	Beta oxayl amino alanine (BOAA).	
30.	Whi	ch of the following is an essential	amino ac	Which of the following is TURE of Chi	
	(a)	Glutamic acid	animo ac	Which of the following is TUME of the	TE
		Glutamic acid		Phenylalanine participal (a).	
	(c)	Glycine	(d)	Arginine. Let observe the description of (a)	
31.	Esse	ential amino acid are so named beca	ause thes	e are required: salvedo est to doidW	.82.
	(a)	For brain metabolism		From outside sources (a)	
	(c)	In large quantities		For puberty growth spurt.	
32.	Wh	ich of the following is true of nuts	gerib ber	et?	QE.
	(a)	Fat content is 20%	100		
		things.	(b)	Protein content is 40%	
	(c)	Goods source of Vitamin B	(d)	Poor source of iron.	
22	37.	a nominal data?	to algers	. Which of the following world be meex	种
33.	1	the acid is used to test the adulteration	on of:	(a) Age in years	3
	(a)	Ghee squarg hoofs	(b)	Mustard oil	
	(c)	Milk	(d)	Cheese.	
		and wholesome water	obs to n	What of the following is NOT contribu-	Try!
34.	Na	lgonda technique is used for:	(4)		I.P.
	(a)	Food fortification		Defluoridation (a)	
	(c)	Chlorination	(d)	Testing purity of mustard oil.	
Ph	.D2	018/30/KD/4	(7)	#\@A\02\840\$[P.T.	Ο.

35.	Thre	e to five hours after a party many ollowing is the probable diagnosis	of the g	quests develop voluting and charmea. Wh
	(a)	Cholera	(b) (d)	1.C. I wissing
	(c)	Salmonella food poisoning	(u)	thought in the subsection of the subsections of the subsection of
36.		which of the following food poison Staphylococcal	ning cas	e fatality rate is the highest:
	(a) (c)	Salmonellosis	(d)	Clostridium perfringens.
37.	Wh	ich of the following is TURE of Cl	ostridiun	
	(a)	Poorly cooked meat can cause it	(b)	Its incubation period is 1-6 hrs
	(c)	Its case fatality rate is 40%	(b) (d)	Its spores are destroyed at 50°C.
38.	Wh	nich of the following is TRUE of Sa		food poisoning? a blac cause this week!
	(a)	It occurs without fever	(J) <b>(b)</b>	It is a zoonosis whose many of the (t)
	(c)	Its incidence is declining	2	Its incubation period is 36-60 hrs.
39.	. Wł	nich of the following could be measu	red direc	etly? Falin lo out a gaivoilel all lo doide
	(a)	Pain Protess of the Pain	(b)	Hope Par content of 180
	(c)	Health	(h)	Weight.
40.	. Wł	nich of the following would be an ex	ample of	
	(a)	Age in years	(b)	BMI but of been at bree entire
	(c)	Weight in kg	(d)	Blood groups.
		(linese.	(b)	MilV (c)
41.	Wh	ich of the following is NOT criterion	n of safe	and wholesome water?
	(a)	Free from pathogens	(b)	Free from harmful chemicals
	(c)	Free from chlorine	(d)	Pleasant to taste.
		To tracal group growth of		Calle tracking the
Ph.	D20	18/30/KD/4	(8)	

Wh	ich of the following is TRU	E of Zinc in hum	nan nutrition? has a more on the standard	HA
(a)			It is contra-indicated during lactation.	
(c)	It is NOT found in anima			n.
. Wi	nich of the following is TRU	JE of Copper in b	numan nutrition?	29
(a)				
(b)	Hypercuperemia may be	seen in Wilson's d		
(c)	Hypocuperemia may be s	seen in Hodgkin's		
(d)			Who of the following is associated with	. IFC
l. W	High of the fall-wine is NO	edusina (d)	:a) George Kurien	
. vv	Thich of the following is NO  All dietary fibers are stra			
(t	b) These have a property o	f holding water an	nd swelling	1.79
(	c) Gum in fenugreek seeds	can reduce blood	glucose level	v.I.t.
(	d) Gum in fenugreek seeds	can reduce blood	cholesterol level.	
	Which of the following focus  (a) Basic research	on finding a solut	tion to an immediate practical problem?  Applied research	
5175	(c) Explanatory research	(d) menendations since	Descriptive research.	.52
46.	In a normal distribution, pomean is	ercentage of obse	ervations beyond two standard deviations are accomplished as a second se	n of
	(a) 5%	(b)	12.5% us od historis string bood (a)	
•	(c) 18.5%	(d)	(b) Signated polices should M. M. 31.69.	
47.	In an anganwadi centre all the each. Which of the following	ne 12 children aged g inference can be	1 2 years present on 10.12.2019 weighed 1 drawn here?	0 kg.
			Median weight 12 kg	
			Standard deviation 1.2 kg.	
Ph I	D2018/30/KD/4	(9)	a v min a su	

8. V	Vhat	is the recommended lev	el of Fluorides in	drinking water for India?
		0.5-0.8 PPM		
A7 10	<b>c</b> )	Above 2.5 PPM	(b) (d) Its dealer	Below 0.5 PPM.
<b>49.</b> ]	Hard	ness of water for kitchen	use should be in	the range of : a grave and both to think
	(a)	Less than 1 m eq/lit		1-3 m eq/ lit
	(c)	3-6 m eq/lit	(b)	and the second s
		•	• •	factors of the consequence (1)
50.	Who	o of the following is associ	ciated with 'White	revolution' movement?
	(a)	George Kurien	(b)	Rajinder Singh
	(c)	Bindeshwar Pathak	(b)	Sundarlal Bahuguna.
	(-)			valva eronto svoj in nati valoriti († 1. – 6.4 – 5
51.	Wh	ich of the following stater	nents are TRUE ab	out salmonellosis?
	(a)	It represents food borne		
	(b)	It is always fatal	astronila bada a	ाका । बोजस महासुस्तारी विश्वसारी । त्यांन
	(c)	Its incidence has decline	ed substantially in d	eveloped countries
	(d)	Use of pesticides in anim	mal feeds prevents s	salmonellosis.
			is days.	TO ESPATE LABOR TO THE
52.	Wł	nich of the following princip	ples or recommenda	tions should be used in mid-day meal scheme
	(a)	Rice water left after coo	oking should be mix	xed with dhal
2(1 3) s	(b)	Cereal-pulse combination	on should be in 1:	3 ratio
	(c)	Food grains should be s	tored in a moist atr	nosphere
	(d)	Sprouted pulses should	NOT be used.	22.81 G; 1
53.0				entary non-pregnant, non-lactating Indian
	woi			rapid dan garwadah salite merki dan s
	(a)			2000–2200 calories
	(c)	2200-2400 calories	nst n ka (b) (d)	2400–2800 calories.
			ne g	

54. Which of the following is the best source of Vitamin C?						
(a) Orange	(b) Guaya					
(c) Cabbage	(d) Amla.					
55. Which of the following is TRUE of Gro	undnuts?					
(a) Fat content = Less than 30%						
(b) Protein content = Less than 30%						
(c) Calories provided = Less than that	by sugar					
(d) These are poor in vitamin B.						
56. Which of the following is TRUE of obe	sity?					
(a) It is seen only in adults		CST/EEC				
(b) BMI is above 25 in obese people						
(c) It DOES NOT run in Tamines						
(d) It DOES NOT have a role in caus	ing gall bladder disea	en contra estado Se.				
20. U.O. 1994 24 O						
57. Which of the following is NOT TRUE	of body mass index ()	BMI)?				
(a) Its values are age independent		The second secon				
(b) Its calculation is similar for both s	exes You					
(c) It can distinguish between weight	due to muscles or fat					
(d) Its calculation requires both weigh	nt and height of a person	on. 10 fine ( gentafiden)				
		aketivisomeosa taissi (				
58. For the following conditions relative ris which it is GREATLY increased?	sk is increased due to	obesity. Select the con	dition for			
(a) Gall bladder disease	(b) Fetal defects	a commence made				
(c) Impaired fertility	(d) Colon cance	<b>7.</b>				
		A 14794 (2)第一条社	PTO			
Ph.D2018/30/KD/4	(11)	PATENTAL PROPERTY.	į .i.o.			

59. Due to which of the following conditions risk of d	liabetes type II is CONVINCINGLY increased?
(a) Voluntary weight loss in obese people	ognam) (a)
(b) Intake of non-starch polysaccharides	(c) Cabbage
(c) Maternal / gestational diabetes	
(d) Exclusive breast feeding for first 6 months	and to SUM i as gainvolled and to disk of the
	(a) Par u con = Loss vilan (b)
60. Which of the following is a MODIFIABLE risk	Catan for hymostension?
(a) Age (b)	
30358 M	Sex Ethnicity.
61. Which of the following disease results from con	nsumption of contaminated groundnuts?
(b)	Epidemic dropsy
(a) Fluorosis (d)	the little companies of the light
(c) Lathyrism (d)	(b) BAH is above 25 in phease people
62. Which of the following is a criteria of a sanitar	ry eating establishment?
62. Which of the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a criteria of a support to the following is a support to the support to the following is a support to the support to the following is a support to the suppor	ounded of the post TOM STOR of the
(a) Corners of room walls should NOT be room.  (b) Perishable and non-perishable food items.	to be kept together
(b) Perishable and non-perishable food results	Sus
to be disposed off on alternate day	ys augu TCM is gaiwailed add to doidly. The
Doors should be of self-closing type.	- A section specified and a section (8)
	ies outlined in National Nutrition Policy of India?
63. Which of the following is NOT a part of strateging low cost nutritious food with linear strateging low cost nutritious food with linear strateging low cost nutritions.	high energy foods
63. Which of the Replacing low cost nutritious food with	while the languages maintained at (b)
Legituting land reforms in turn as	
(b) Instituting 1.  (c) Equal remuneration for women  (c) Equal remuneration for women	The second secon
ering nurchasing power of P	SHARE OVER THE PROPERTY OF THE STANDARD OF THE
(d) Improving Page (d) Improving Page (d) Improving Page (d) Improving Page (d)	ility and consistency are used to indicate:
repeatability, precision, reproductor	Concitivity
64. The terms reposition (6)	b) Sensitivity variate then a supply and the supply
(a) Validity (d	и) кспаницу.
(12)	Ph.D. zona/ap/kb/a
Ph.D2018/30/KD/4	
Ph.D2018 / 30 /	

65.	Whic	ch of the following disea	ses has foo	od borne	transmission?	¥ 75
	(a)	Cholera	you our	(b)	Endemic typhus same (1) 1 wrotes (2)	
	(c)	Guinea worm diseases		(d)	Kala Azar. 90m 00m (9)	
66.	Whi	ch of the following is a	part of a h	ealthy die	et of a person?	
	(a)	Salt intake should be 5	-10 gms p	er day	et rbaswno	
	<b>(b)</b>	Dietary fat should be 3	0-45% of	total dieta	gniique a nobuer oftemate (a) ry intake	
	(c)	Proteins should be 10-	Carl Company		THE PRESENCE OF SERVICE AND AND FOR THE PROPERTY OF THE PROPER	
	(d)				ounts. I 125 at gararollo) sto to bood W	
					a ali johana sandon sanapioni ka ka alian na	
67.	WI				oils?on is gridgmus moneybujut (de	
	(a)			•	am on guilly open mother significant (a)	
	(b)				ated fatty acids oborn bellomized (b)	
	(c)					
	(d					
	. `		traj-1	(d)	AVOCA (a)	
68	8. D	eficiency of which of the	following	causes D	ENTAL CARIES?	
	(a		2 12 11 11 11 11 11 11 11 11 11 11 11 11	(b)	Iodine	
	(0	,	77	(d)	Protein.	
	3.			(0)	(a) Scables	
6	9. I	For which of the following	Sychilis vitamins r		ish are good source?	
		a) Thiamine	PUBNIC TO	(b)	Riboflavin	
		(c) Niacin	Manus vio	d)	. चंदित विचाय साम्राज्य करिया है। संकार स्थापित	
					to parage resta de 684 jane upes (8)	
•	70.	Tryptophan is a precursor	~ <b>£</b> .		Geoin see anthiarad estimation of p	
		(a) Thiamine	i yan ay an	(b)	Riboflavin	
		(c) Niacin		(d)	Cynacobalamin.	
	Ph.D	2018/30/KD/4		(13)		P.T.O.

71.	Daily	requirement of folio	c acid for heal	thy mal	e adults is :	海和大の最高。大学	
	(a)	Below 100 mcg	lege, o ambind	(d) (b)	200 mcg	orpkall	(a)
	(c)	500 mcg	Kels sign	(b) (d)	600 mcg or a	boye. The south	
72.		mple which involves ards is:	s a random sta		The same of the same of the same	graz rezervi	
	(a)	Systematic random	sampling	(b)	Stratified rando	om sampling	(6)
	(c)	Simple random sam	npling	(a)	Snowball samp	oling. Hing.	(5)
73.	Wh	ich of the following	is TRUE abou	t samplin	ig? The tre bouts and	bluork bout should	30
	(a)	Systematic random					
	(b)	In judgement samp	ling elements D	O NOT	have equal and in	dependent chance of	of selection
	(c)	In simple random	sampling one o	an draw	only one sample	from a population	(2)
	(d)	In stratified randor	n sampling ON	NLY up to	o 3 strata CAN b	e formed in a pop	ulation.
			go sylldered a st	lio Ader	Byr ann an ansa	Complete depuse	
74	. Wh	nich of the following	is a nonparame	tric test o	of statistical signi	ficance?	(5)
	(a)	ANOVA		(b)	t-test		
	(c)	Pearson correlation	coefficient	(d)	Chi-square test.	o danie to garora	66 Defi
75	. Wh	nich of the following	disease is caus	(d) ed by fo	od?		
Ā	(a)	Scabies	an scalar		Plague	aosi	
	(c)	Typhoid fever	м boog на da	(d)	Syphilis.	votta) sub ta n diffe	69. For v
76	. Wh	nich of the following	is NOT TRUE	of proba	bility sampling t	echnique?	
	(a)	Each unit has an ea	qual chance of	selection	1	ni wiki	(0)
	(b)	Generates unbiased	estimation of	populatio	n		
	(c)	(c) Produce a sample that resembles population as closely as possible					
	(d)	Avoids use of samp	No. of the	(a) ·		an directif	
			amada.arg).	300-		CEMINAL COMMENTS	
Ph	.D20	018/30/KD/4		(14)		V (D) (0818)	08-0.49

77. What	is the danger zone for the temperature	ature rang	ge in which bacteria proliferate in food?
	0–5°С	(b)	5–60°C
(c)	60–80°C	(d)	80–100°C.
78. Lefto	over foods should be reheated befo	re consun	nption to at least what temperature?
(a)	74°C	(b)	60°C gralesuits or a du sertireurt (e).
(c)	50°C	(d)	44°C.
<b>79.</b> In v	which compartment should raw mea	t be store	d in a refrigerator?
(a)	In the top	(b)	In the middle
(c)	Bottom	(d)	In the upper shelf of door.
80. Wi	Study of the effects of nutrients of Diagnosis and nutritional prevents:  Study of the nutritional factors the Development of new hormones to	on the exption of Divinat protect hat supple	mains with which nutrigenomics deals?  pression of an individual's genetic makeup  NA damage on an individual basis  the genome from damage  ement genome health.
<b>81.</b> T	The proper temperature of a home refi	rigerator s	hould be? The soft become mangoral? (g)
(	(a) 0–1°C		2-8°C
(	(c) 9–12°C	(d)	4.13-18°C.
	Which of the following is TRUE of the in a refrigerator?	ne condition	ons for keeping together raw and cooked food
ystr	(a) It should never be done	it pamalar	\$7. Asport, these viling union should be in
	(b) It may be done unconditionally		Southers of considers.
	(c) It may be done if raw food is p	roperly wa	
	(d) It may be done if both are being	refrigera	ted at the same temperature.
Ph.D.	2018/30/KD/4	(15)	W. QX.\08.\81\91 <b>PTO</b>

83.	Whi	ch of the following is NOT a measure of dispersion?	1 20-1 2002 Johnson American
	(a)	Mean (b) Variance	D'6-0 (c
	(c)	Standard deviation (d) Range.	D*W-(的) (6)
	****	ich of the following habit of cooks ensures food safety?	la ed blacks shock s rotte. L
84.	Wh		D°AY (a)
	(a)	Wearing charm bracelets	592 61
	(b)	Daily pesticide spray in kitchen	
	(c)	Bathing daily	
7	(d)	Adding sodium bicarbonate to cooked food.	ioda tadantya provo dobisty លើ
	• ,	silidades suo al 440	growdini (a)
85.	Wh	ich of the following is a close ended questions?	(e)
	(a)	What are your views about diet fads?	
	(b)	있는데 말하다면 보다면 하는데 하는데 말하면 하면 하면 하는데 보다면 하는데 보다면 하는데 되었다. 그는데 하는데 그렇게 되었다.	ai gai antan ora to noisiW
	THO W		(a) Stracy of the effects
	(c)	How will you grade a tea shop?	irum les aisonysiCt (d)
	(d)	How many workers are employed in your hostel mess?	of English of the neithful
		s partitiones that supplement general technic	
86.	Whi	ch of the following is TRUE about diagrammatic represent	
	(a)	Histogram is used for discrete data	t She proper transpersions of
	(b)	Pie chart can be draw as rectangle	D°1 0 (2)
	(c)	Random scatter diagram imply lack of relationships	0.001-6-100
	(d)	Positive correlation is indicated by a horizontal line.	
factor?	Miss.	o literand not particularly availabeen and a suite	an resident of the statem of
87.	Amo	ong these which colour should be preferred for granite she	elves to enhance Food Safety
	(a)		ast toob a year s (c)
	(c)	• 10 10 10 10 10 10 10 10 10 10 10 10 10	The analysis of the last
		comparison across sell as transactions and assess one stray	Disord of gam g (b)
		그리 살다면 취하는 사람들은 함께 가는 사람이 하다.	

Ŋ,	Whic	th of the following is NOT TRUE as	per the	s nutrigenomics e	INVARAUT	
	(a)	Nutrition DOES NOT affect the extent to which different genes are expressed				
	(b)	Nutrition modulates whether individuals attain the potential established by their genetic background				
	(c)	Fortifying flour with folic acid-a mothers who cat the flour-may lead	nove in I to nun	ended to prevent erous unforeseen	neural tube defect health problems	is aneng,
	(d)	Only a portion of the population will while others will be unresponsive,				
<b>99.</b>	Wh	nich of the following is TRUE for dry	storage	of food items?	t per commente	
	(a)	Can be done anywhere if the item	is prope	rly packed		
	(b)	Should be away from the wall and	above	ground level		
	(c)	) Should be done in refrigerator only	1			
	(d)					
9(	. In	n which of the following nonrandom sar o identify other potential respondents?	npling to	echniques does the	researcher asks the	subjects
	(a	Tank and and and	<b>(b)</b>	Convenience	any report for odd f	
	(6	c) Purposivo	(d)	Quota.		
•		Which of the following term describes the				
		families? operation and an estate or gradest special consequent	(b)	Transitional tren	National Conservation & D. C. Carlotte & D. C. Carlotte & D. Carlotte & D. C. Carlotte & D. C. Carlotte & D. Carlo	(6)
		(a) Cyclic trends (c) Seasonal trends	` '			
	21.1	(c) Sensonal trends				
	92.	Which of the following is an example of				
		(a) Interview of a dictician for a surv			· · · · · · · · · · · · · · · · · · ·	
		(b) Daily diary records of a police str			Brunn-St.	
		(c) Sales data of a cafe for one year	igy (find		er odsvermose odd	
		(d) Personal diary of a chef since his	childho	od.	and recognized	
		• = /				[P.T.O.

93.	Whic	h of the following conditions is applicable to Chi-Square test?	ui vi
	(a)	Sample size should always be more than 200	(n)
na ku		Manifold the little of the party of the start of the party and the second of the party of the second	118
	(b)	It cannot be used for more than 2 categories	
	(c)	It should always be applied to percentages	
	(d)	Frequencies should be mutually exclusive.	
,2724		Only a portion of the population will respect pound. It is a sandle sensitive of one	9)
		with a green a with some there is the true that a wishport ment of the charles of the	
94.	Wh	at should be the logical work flow inside the kitchen where: 1 = Receiving	area
	2 =	Storage area, 3 = Preparation area, 4 = Service area?	
	(a)		
	(c)	4, 2, 3, 1 [eval becoming a (d) 1, 3, 2, 4, reserves one ad binos?]	
		give valuability of each of broads. (a	
	(a)	the following option indicates the INDEPENDENT VARIABLE:  Constipation (b) Frequency of hard stool complaints	11.7
	(c)		
	(0)	Use of laxatives (d) Intake of high fiber diet.	
96	6. W	nich of the following is TRUE as per the nutrigenomics concepts?	
	(a)	Genome instability, in the absence of overt exposure to genotoxicants, is NOT linked	
		Nutritional deficiency Nutritional deficiency	with
	(b)	Nutritional deficiency of excess can cause DNA	
		are of the same magnitude as that of may common environmental toxicants	
		thay common environmental towing	ects
	(c)	Riboflavin, pantothenic acid, and bind to	
	(c)	Riboflavin, pantothenic acid, and bind to	
	(c)	Riboflavin, pantothenic acid, and biotin have NO link with an increase in DNA dam to the same extent observed with occupational exposure to genotoxic and carcinoge chemicals	age enic
	(c)	Riboflavin, pantothenic acid, and biotin have NO link with an increase in DNA dam to the same extent observed with occupational exposure to genotoxic and carcinogenesis.	age enic

- What is the correct sequence for a three sink system of dishwashing?
  - (a) Scrape, Wash, Rinse, Sanitize with ice cold water, Air dry
  - (b) Soak, Sanitize, Air dry, Rinse with hot water, Wash
  - (c) Scrape, Rinse, Wash, Sanitize with hot water, Air dry
  - (d) Soak, Sanitize with warm water, Air dry, Rinse, Wash.
- 98. Which of the following habit of cooks ensures food safety?
  - (a) Bathing daily
  - (b) Wearing bracelets/taweez
  - (c) Washing hands before going to sleep
  - (d) Adding sodium bicarbonate (soda) to cooked food.
- 99. Which of the following is TRUE of Nutritional management of Phenylketonuria?
  - (a) Diet has no role in it
  - (b) A low-phenylalanine diet is essential
  - (c) It needs diet supplementation with legumes and nuts
  - (d) A low-tryosine diet is essential.
- 100. Which of the following statements are TRUE about sampling?
  - (a) Snow ball sampling is an example of random sampling
  - (b) Stratified random sampling is used when strata are similar to each other
  - (c) Each unit has equal chance of being chose in simple random sampling
  - (d) In repeated samples from a population, results from all samples are same.