

Enrolment No. \_\_\_\_\_

PARUL UNIVERSITY

PARUL INSTITUTE OF PHARMACY

B.PHARM EIGHTH SEMESTER

SECOND INTERNAL THEORY EXAMINATION: 2020-21

Subject Name: Dietary Supplements and Nutraceuticals

Subject Code: BP 812 ET

Time: 10:00 am -11:15 am

Date: 13/03/21

Total Marks: 30

**Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.2	Long Answers:(Any One)	
(1)	Role of free radicals in Diabetes Mellitus and Inflammation	10
(2)	Define and classify antioxidants explain any four in detail.	10
Q.3	Short Answers:(Any Two)	
(1)	Discuss effect of processing and storage on the potential of nutraceuticals	05
(2)	Discuss regulatory Aspects; FSSAI, HACCP	05
(3)	Discuss the functional foods for chronic disease prevention	05

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Q.1 Multiple Choice Questions:				10	
1	Full form of HACCP is,			01	
	A	Hazard Analysis and Critical Control Point	B		Hazard Assay and Crucial Control Point
	C	Hazard Assay and Critical Control Point	D		Hazard Analysis and Crucial Control Point
2	FPO			01	
	A	Fruit Purchase Order	B		Fruit Product Order
	C	Fruit Procedure Order	D		Farm Product Order
3	FSSAI is			01	
	A	Food Safety and Substitution Act	B		Prevention of Adulteration Act
	C	Food Safety and Standards Act	D		All of this
4	AGMARK is a			01	
	A	Quality Impact Mark	B		Quantity Certification Mark
	C	Quality Index Mark	D		Quality Certification Mark
5	FSSAI established in			01	
	A	2006	B		2010
	C	2015	D		2018
6	ROS and RNS			01	
	A	Anti-oxidant in nature	B		Produce oxidative stress
7	_____ is a risk factors of Atherosclerosis.			01	
	A	Nutraceuticals	B		Healthy lifestyle
	C	Hypertension	D		All of this
8	In Parkinson's disease, which antioxidant concentration is found to be decreased?			01	
	A	NO	B		ROS
	C	RON	D		GSH
9	Identify what is not reactive oxygen species			01	
	A	NO <sup>-</sup>	B		O <sub>2</sub> <sup>-</sup>
	C	H <sub>2</sub> O <sub>2</sub>	D		O <sub>2</sub>
10	_____ is non enzymatic antioxidant			01	
	A	CAT	B		Uric acid
	C	SOD	D		All