



KONERU LAKSHMAIAH EDUCATION FOUNDATION

(Deemed to be University, Estd. u/s. 3 of UGC Act 1956)

B.Tech - Even Sem : End Semester Exam
Academic Year:2021-2022
18OE40G2 - Dietary Supplements
Set No: 1

Time:		Max.Marks: 100					
S.NO	Answer All Questions	Choice	Options	Marks	CO	CO BTL	COI BTL
1.	List out carotenoids with examples and their occurrence? Write their biological properties.	choice Q-2		10Marks	CO1	2	1
2.	Define nutraceuticals. Outline nutraceuticals depending upon their characteristics and major uses			10Marks	CO1	2	1
3.	(A)Describe Hypertension and Stress. (B)Discuss the Pathogenesis and Nutraceuticals used for the control of Hypertension and Stress	choice Q-4		15Marks	CO1	2	2
4.	(A)Discuss about public health. (B)Illustrate in detail about the Nutraceuticals and dietary supplements used in maternal and child nutrition			15Marks	CO1	2	2
5.	Outline the detail sources, marker compounds, method of usage and health benefits of Gingko.	choice Q-6		10Marks	CO2	2	1
6.	Outline the medicinal uses, health benefits and marker compounds of and Ginseng.			10Marks	CO2	2	1
7.	(A) Explain about functional foods? (B)Explain the sources, marker compounds, medicinal uses and health benefits of Spirulina	choice Q-8		15Marks	CO2	2	2
8.	(A)Describe about fat soluble vitamins?Explain about their occurrence and medicinal uses. (B)Describe about water soluble vitamins			15Marks	CO2	2	2
9.	Outline the free radical induced pathogenesis of ischemic reperfusion injury.	choice Q-10		10Marks	CO3	2	1
10.	List out the methods used for estimation of free radicals			10Marks	CO3	2	1
11.	A)Summarize about ROS and give some examples. (B)Explain the steps involved in development of free radical mediated damage in Diabetes mellitus	choice Q-12		15Marks	CO3	2	2
12.	(A Describe oxidative stress. (B) Illustrate briefly on biological role of various enzymatic and non enzymatic endogenous antioxidants in defending free radical induced pathogenesis			15Marks	CO3	2	2
13.	Outline the tocopherols with examples and write about their occurrence? Name their biological properties	choice Q-14		10Marks	CO4	2	1
14.	Describe flavonoids with examples and write about their occurrence? Explain their biological properties			10Marks	CO4	2	1
15.	(A) Explain the impact of processing condition on nutraceuticals. (B) Explain the effects of storage conditions on nutraceuticals	choice Q-16		15Marks	CO4	2	2
16.	(A)Illustrate the regulatory aspects of AGMARK. (B)Illustrate the regulatory aspects of MPO			15Marks	CO4	2	2

[object HTMLDivElement]