No. of Printed Pages: 4

MFN-001

MASTER OF SCIENCE (DIETETICS AND FOOD SERVICE MANAGEMENT)

TERM-END EXAMINATION

MFN-001: APPLIED PHYSIOLOGY

Time	e:3 Ho	urs]	[Maximum marks : 100				
Note: Attempt five questions in all. Question no.1 is compulsory. All questions carry equal marks.							
1.	(a) ·	Give	one example of each of the following: [1×10=10]				
:		(i)	Vitamin necessary for night vision				
		(ii)	Prokaryotic Cell				
		(iii)	Humour in Ayurvedic Concept				
		(iv)	Agranulocyte				
		(v)	Macrophage				
		(vi)	Phase of Respiration				
		(vii)	Composition of Bile				
MFN	I-001		(1) [P.T.O.]				

		(viii)	Part of Large Intestine	
		(ix)	Hormone Produced by Kidney	
		(x)	Neurotrans mitter	•
	(b)	_	explain the following terms in ces each: [2×5]	1 2-3 =10]
		(i)	De-differentiation cells	
		(ii)	Significance of miosis	
		(iii)	Osmotic pressure	
		(iv)	Function of platelet	
		(v)	N K cells	
2.	(a)	What i	s the uniqueness of our heart?	[8]
	(b)		s the nervous control mechanism of bod vessels.	heart [12]
3.	(a)	What i	s respiratory centre?	[6]
	(b)	Descri detail.	be the chemical control of respirati	on in [14]

4:	(a)	What are the G. I. Hormones?	[6]
•	(b)	How is fat absorbed and utilised in the body?	e human [14]
5.	(a)	How are the molecules transported accell membranes?	cross the
	(b) ·	Describe the passive transport mechanical detail.	anism in [14]
6.	(a)	Make a labelled diagram of Eyeball.	[8]
	(b)	Discuss the microscopic structure and f of retina with the help of diagram.	unctions [12]
7.	(a).	What do you understand by Non-	specific
		Defence Mechanism ?	[3]
	(b) _.	What are the types of internal of mechanisms?	defence [5]
	(c)	Discuss in detail about the role of leuce internal defence mechanism.	• •

8. Write short notes on **any four** of the following:

[5+5+5+5=20]

- (a) Endoplasmic Reticulum
- (b) Smooth muscle
- (c) Megaloblastic Anaemia
- (d) Classification of antibodies
- (e) Chloride shift
- (f) Digestive function of Pancreas

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