


Model Question Paper (Blank) is on next page

Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, December 2021 Course: Ethics and Food Laws Program: B.Sc (Food, Nutrition and Dietetics) Course Code: HSCC2016			
		Semester: IIIrd Time: 03 hrs. Max. Marks: 100	
Instructions: Read question carefully.			
SECTION A			
S. No.	MCQ's /Fill in the blanks/ T&F (1.5 marks each)	30 Marks	CO
1	'EFSA' stands for: a. European Food Safety Authority b. European Food Sanitation Authority c. Europe Food Safety Authority d. Europe Food and Safety Association	1.5	CO1
2	ISO is derived from the Greek word ' <i>isos</i> ', which means a. International standard b. Equal c. Efficiency d. Equivalent	1.5	CO1
3	'Fiat panis' is the motto of- a. World Health Organization b. Food and Drug Administration c. Food and Agriculture Organization d. Food and Plants Organization	1.5	CO1
4	Headquarter of 'WHO' is situated in: a. India b. Australia c. France d. <u>Switzerland</u>	1.5	CO1
5	ISO 22000 exists for: a. Food management b. Food safety management c. Sustainable events d. Medical devices	1.5	CO2
6	Full form of 'AYUSH' is:	1.5	CO2
7	Define the term 'Ethics' and 'Food laws'.	1.5	CO2
8	FAO is a specialized agency of the _____, which was founded in year _____.	1.5	CO2

9	State any two general requirement of 'labelling'.	1.5	CO2
10	FSSAI has been mandated by the FSS Act, 2006 for performing the following functions (Select all that apply): a. To promote general awareness about food safety and food standards. b. To promote health, keep the world safe, and serve the vulnerable c. To promote research in the country in the fields of medicine, public health and allied areas. d. To lay down procedure and guidelines for accreditation of laboratories and notification of the accredited laboratories.	1.5	CO2
11	'ISO' is an independent _____ with a membership of _____ national standard bodies.	1.5	CO3
12	'EFSA' is the agency of the _____, which was established in February 2002, based in _____.	1.5	CO3
13	_____ means the date on which the food becomes the product.	1.5	CO3
14	Which of the following statements about CAC are true?(Select all that apply) a. Codex legal tool consist of only codes of practices b. Cosmetics and tobacco are covered under CAC c. Currently the CAC has 189 Codex Members d. CAC is established jointly by FAO/WHO	1.5	CO3
15	Which of the following does not signifies the end of the estimated period under any stated storage conditions, after which food probably will not have the quality and safety attributes? a. Use-by-date b. Date of packaging c. Recommended last consumption date d. Expiry date	1.5	CO4
16	Under which condition, utensil or container made of the following materials or metals, shall be deemed to be unfit for human consumption: (Select all that apply) a. containers which are painted b. enameled containers which have become chipped and rusty c. container which have silver coating d. copper or brass containers which are not properly tinned	1.5	CO4
17	"B.I.S" stands- a. Bureau of India Standards b. Bureau of Indian Standards c. Bureau Institute of Standards d. Bureau of Indian Schemes	1.5	CO5
18	Which of the following is not the general requirement of labelling? a. every prepackaged food shall carry a label containing information as required b. contents on the label shall be clear, prominent, indelible and readily legible by the consumer c. Labelling in containers made of aluminium not conforming in chemical composition to IS:20 specification for Cast Aluminium & Aluminium Alloy for utensils	1.5	CO5

	d. where the container is covered by a wrapper, the wrapper shall carry the necessary information or the label on the container shall be readily legible through the outer wrapper		
19	Nutritional facts per 100 gm or 100ml or per serving of the product shall be given on the label should include (Select all that apply) a. energy value in kcal b. tannins c. carbohydrate (specify quantity of sugar) d. phytochemical	1.5	CO5
20	Color and shape of the symbol of non-vegetarian food is a. red with square boundary b. red with circle boundary c. brown with circle boundary d. brown with square boundary	1.5	CO5
SECTION B (5 marks each question)			
Q	Short Answer Type Question (5 marks each) Scan and Upload 4 questions 5 marks. Word limit (100-150)	20 Marks	CO
1	Explain any one National food standard, which is mandatory for trade within India.	5	CO1
2	What are food additives used for?	5	CO2
3	Elaborate how CAC ensures for safety of the end users and foster international trade.	5	CO3
4	How would you distinguish between 'act' and 'bill'?	5	CO5
SECTION C 30 marks			
Q	Two questions 15 marks each with subsections	30 Marks	CO
1	In November 2021, Food Safety and Standards Authority of India (FSSAI) has released draft regulations stating that no one can manufacture or sell any food products or food ingredients derived from genetically modified organisms (GMOs) without prior approval. The regulations' range will include food products, that may have been made using food ingredient or processing aid derived from GMOs, even if GM content is not present in the end-product. The food safety authority has also said that Genetically Modified Organisms or Genetically Engineered Organisms "shall not be used as an ingredient" in infant food products. (Word limit- 100-150 each question) a. What is the key purpose of GM food? (5 marks) b. According to you GM food are beneficial or harmful. What information would you use to support your statement?(5 marks) c. What are the environmental issues associated with GM food? (5 marks)	15	CO2

2	<p>Since the 9/11 terrorist attacks, potential vulnerabilities of any country critical infrastructure have come under increasing scrutiny. However, compared with the attention focused on such vital “nodes” as transportation and telecommunications, relatively little consideration has been paid to threats to the agriculture and food industries. Like any country, India faces three major biological threats: naturally occurring infections in humans or animals, or agricultural infestations; infections arising from accidental release of pathogens into the environment; and possible outbreaks caused by deliberate weaponization of dangerous pathogens that affect humans, animals, or crops. Threats through edible commodities could be detected with the help of agencies who have pivotal role in quality check of the products. FSSAI, APEDA are such agency, which have prime objective to look after safety and standard aspect of food products imported and exported from India.</p> <p>(Word limit- 100-150 each question)</p> <ol style="list-style-type: none"> What are the prime considerations while importing and exporting food items.(5 marks) What are the threats associated with agro-terrorism? (5 marks) Could you quote any example of agro-terrorism and how it affected civilization? (5 marks) 	15	CO4
SECTION- D 20 marks			
Q	Long Answer type Questions Scan and Upload (10 marks each) Word limit 200-250	20 Marks	CO
1	Why government implemented food laws? Elaborate on any three-food laws of our country.	10	CO3
2	What facts would you select to show packaging requirements for fruits and vegetables products as per Food Safety and Standards (Packaging and Labelling) Regulations, 2011.	10	CO5