


<b>Name:</b>	 <b>UPES</b> UNIVERSITY WITH A PURPOSE
<b>Enrolment No:</b>	

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, May 2021**

**Course: Mother and Child Nutrition**  
**Program: BSc FND**  
**Course Code: HSCC2010**

**Semester: IVth**  
**Time : 03 hrs.**  
**Max. Marks: 100**

**Instructions:**

**SECTION A**

S. No.	MCQs or Fill in the blanks (1 marks each)	30 Marks	CO
1	The recommended room temperature for maintaining warmth for newborn child is a. 28 degree C b. 34 degree C c. 25-28 degree C d. 25 degree C	1.5	CO1
2	Which one of the following nutrient deficiency in a pregnant woman can lead to neural and mental defect in her child? A) Iron B) Folate C) Calcium D) Omega 3	1.5	CO2
3	What is the full form of MMR ?	1.5	CO3
4	Which of the following suggests the best method for disinfection of spoon and bowl for newborn a. Cleaned with soap and water b. Boil for 20 min c. Clean with soap and water followed by boiling for 20 min d. Autoclaving	1.5	CO4
5	.....Is the care that a mother receive from healthcare professionals during pregnancy.	1.5	CO1
6	If mothers are teenage then she is more likely to deliver .....	1.5	CO2
7	.....is a very serious condition in which the woman experiences seizures due to hypertension.	1.5	CO5
8	all women who are pregnant or planning to get pregnant should get tested for .....as early as possible.	1.5	CO2
9	There are following nutrient deficiency gives preterm birth and Neurological dysfunction are (a.)Iron and folic acid (b.) vitamin B and vitamin D (c.) energy and protein (d) fiber and water	1.5	CO1
10	Which one of the following is learning disorder? (a) Dementia, (b) dyscalculia, (c) delirium, (d) Blindness.	1.5	CO2
11	.....is a group of problems that affect body movement and posture.	1.5	CO3
12	Which of the following cause's reflex movements that a person can't control and muscle tightness that may affect parts or all of the body. (a) Dementia (b) cerebral palsy (c) Down syndrome (d) dyslexia.	1.5	CO3
13	Infants have rapid heart rate .....per minute.	1.5	CO5
14	.....is the first immunization to the newborn infant.	1.5	CO2
15	An abdominal pain in stomach of infant after feeding is called .....	1.5	CO1
16	During the first two or three days watery and yellowish fluid that comes from the mammary glands are .....	1.5	CO3

17	Phenylketonuria is: (a.) An eating disorder (b.) A rare inherited disease that is treated by reduced amino acid diet (c.) Caused by an accident after you were born (d). All of the above	1.5	CO1
18	.....can be most easily seen around the pregnant woman ankles .	1.5	CO2
19	a condition characterized by an elevated level of glucose in the blood during pregnancy is called .....	1.5	CO3
20	The sucking frequency of infant initiates hormonal changes that leads to milk production. The common hormones for milk secretion are .....	1.5	CO1
<b>SECTION B the word limit 20 marks 4 questions 5 marks each</b>			
Q	Short Answer Type Question (5 marks each) Scan and Upload 4 questions 5 marks each	20 Marks	CO
1	Why maternal mortality high in developing countries?	5	CO3
2	How could you justify complications of low birth weight child in India ?	5	CO4
3	Describe the factors that affect maternal health ?	5	CO1
4	Can you distinguish between NMR and MMR ?	5	CO2
<b>SECTION C 30 marks</b>			
Q	<b>Two case studies 15 marks each subsections</b>	30 Marks	CO
1	Case Study 1 <ul style="list-style-type: none"> <li>• A 18 year pregnant woman is suffering with extreme fatigue ,weakness, headache, dizziness or lightheadedness.</li> <li>• Identify the disease of pregnant woman. 2 marks</li> <li>• What are the pathological tool used for the confirmation of disease? 2 marks</li> <li>• What type of food you will prescribed the pregnant woman and why? 3 marks</li> <li>• What are the possible causes associated with the disease? 3 marks</li> <li>• What are the complications of the disease? 3marks</li> <li>• What are chances of child birth in this condition? 2 marks</li> </ul>	15	CO4
2	Case Study 2 A 27 years old mother visited clinic with complains of her 4 year child edema of the face and lower limb, anorexia, diarrhea, soft and thin hair. Identify the disease. 1 marks <ol style="list-style-type: none"> <li>1. What are the causes and prevalence of this of disease? 3 marks</li> <li>2. What diet you suggest the child explain why? 5 marks</li> <li>3. What are the possible government and non-government programs associated with this disease? 4 marks</li> <li>4. What are the complications of the disease? 2 marks</li> </ol>	15	CO4
<b>SECTION- D 20 marks</b>			
Q	Long Answer type Questions Scan and Upload (10 marks each) <b>word limit</b>	20 Marks	CO
1	How would you justify the role of formula feeding and explain the doses of feeding by FFDCA?	10	CO5
2	Write down the prevalence rate with formula to solve this problem when total number of new cases illness in defined period are 280 out of total 1700 population find out the prevalence rate of disease. Explain the requirement of prevalence rate in any disease?	10	CO3