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DEPARTMENT: BIOMEDICAL ENGINEERING

MATRIC NUMBER: 18/ENG02/087

COURSE TITLE: HUMAN PHYSIOLOGY II (PHS 212)

ASSIGNMENT QUESTION: Elucidate the Physiological adaptations of the female to pregnancy?

physiological changes in pregnancy are the adaptations during pregnancy that a woman's body undergoes to accommodate the growing embryo or fetus. These physiologic changes are entirely normal, and include behavioral (brain), cardiovascular (heart and blood vessel), hematologic (blood), metabolic, renal (kidney), posture, and respiratory (breathing) changes. Increases in blood sugar, breathing, and cardiac output are all expected changes that allow a pregnant woman's body to facilitate the proper growth and development of the embryo or fetus during the pregnancy. The pregnant woman and the placenta also produce many other hormones that have a broad range of effects during the pregnancy.