

**HIGH RISK PREGNANCY & PERINATOLOGY**

**THEORY PAPER**

**Time : 3 hours**

**Max. Marks : 100**

**Attempt all questions in order.**

**Each question carries 10 marks.**

**Write short notes on:**

1. a) Hyperglycemia in pregnancy. 2+4+4  
b) Medical Nutrition Therapy for pregnant women with Gestational Diabetes Mellitus (GDM).  
c) Role of oral hypoglycemic agents in the management of Hyperglycemia in GDM, justify its use in Indian scenario.
2. a) What is the effect of COVID 19 infection on pregnancy? 5+5  
b) Syphilis infection in pregnancy, effect on fetus, diagnosis and management
3. a) Ultrasound diagnosis of chorionicity in twin pregnancy. 2+4+4  
b) Twin reversed arterial perfusion.  
c) Management of Cesarean Scar Ectopic
4. a) Principles of fetal therapy. 5+5  
b) Prenatal diagnosis and antenatal management of Congenital Diaphragmatic Hernia.
5. a) Management of second stage of labour in a woman with moderate mitral stenosis. 4+6  
b) Instrumental vaginal deliveries: Indications, pre-requisites and complications.
6. a) Risk factors and causes of still births in developing countries. 4+6  
b) Essential components of still birth evaluation.
7. a) Role of magnesium sulfate for neuroprotection 3+3+4  
b) Respiratory distress in newborn  
c) Define birth asphyxia. Mention its causes and diagnosis.
8. a) Discuss about the selection criteria for admission of Obstetric case in the maternal ICU. 5+5  
b) Outline the management of uterine inversion following vaginal delivery.
9. a) Describe the MEC categorization for various methods of contraception. 4+3+3  
b) What contraceptive advice will you give to a woman who has APLA and why?  
c) Contraceptive options for a woman with congenital heart disease.
10. a) Discuss the various serum screening methods for identifying pregnancies at the risk for Down's syndrome. (methods, sensitivity, specificity, FPR). 5+2+3  
b) Indications for prenatal diagnostic tests?  
c) Microarray in obstetrics

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