Write short notes on:

1. a) Define birth asphyxia.  
b) What is modified biophysical profile score?  
c) What is the role of admission test?  

2. What is TOLAC? What are the determinants of a successful VBAC? How will you monitor this patient in labour? How will you diagnose scar rupture?  

3. a) Define maternal mortality. How it is calculated?  
b) Enumerate the causes of maternal mortality.  
c) What are the strategies to reduce maternal mortality?  

4. a) What are the hormones produced by placenta?  
b) What are the abnormalities of the placenta?  
c) What are the placental perfusion disorders?  

5. a) What are the pregnancy induced urinary tract changes?  
b) What is asymptomatic bacteriuria & its impact on pregnancy?  
c) How will you manage acute pyelonephritis in pregnancy?  

6. a) What are the components of a standard ultrasound examination in the 1st & 2nd trimester?  
b) What are the guidelines for nuchal thickness?  
c) What are the abnormalities in measuring the biparietal diameter?  

7. a) What is T.T.S.?  
b) What are the stages of T.T.S.?  
c) Management & prognosis of T.T.S.  

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8.  a) Define recurrent pregnancy loss (RPL).  
    b) What are causes for RPL?  
    c) How will you investigate such a case?  

9.  a) What are the major short & long term problems with very low birth weight infants?  
    b) What is the pathophysiology of preterm labour?  
    c) What are the preventive strategies to prevent preterm delivery?

      b) How would you manage labour in women with rheumatic heart disease?  
     c) Role of anticoagulants in patients with prosthetic valve in pregnancy.

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