

**FELLOWSHIP IN MATERNAL-FETAL MEDICINE**  
**FELLOWSHIP IN MATERNAL-FETAL MEDICINE : WINTER- 2022**  
**SUBJECT : PAPER-I**

Day : Tuesday

Time : 10:00 AM-01:00 PM

Date : 18-10-2022

**W-20520-2022**

Max. Marks : 100

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the **RIGHT** indicate **FULL** marks.
  - 3) Draw tables / diagrams / flowchart wherever appropriate.
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- Q.1** i) What are the ISUOG guidelines for diagnosis of Missed Miscarriage in the first trimester? (10)  
ii) Ultrasound Findings in Partial mole and Complete Mole.  
iii) Ultrasound criteria for scar ectopic pregnancy.
- Q.2** How Uterine artery Doppler is used for prediction and prevention of FGR in First Trimester? What is the importance of Uterine artery Doppler in each trimester? What is the composite model to predict pre-eclampsia? (10)
- Q.3** Define Pregnancy of Unknown Locations (PUL). What are the possible outcomes of PUL? How to follow up a case of PUL? (10)
- Q.4** Discuss and give diagrammatic representation UTD classification for Renal Pelvis Dilatation. What is the role of Vesico-amniotic shunt in case of Bladder Outlet Obstruction? (10)
- Q.5** Discuss Assessment of Cervix at 16 weeks. How to predict risk of preterm delivery? What are the management options? (10)
- Q.6** What is KB test in case of a Rh Negative mother? Guidelines for use of Inj. Anti D. How to calculate the dose of Inj. Anti D after full term Delivery? (10)
- Q.7** What are the Obstetric conditions where MCA Doppler is used? What are the factors which can affect the MCA Doppler and how? (10)
- Q.8** Discuss ultrasound findings in case of Agenesis of Corpus Callosum. Role of Fetal MRI. (10)
- Q.9** What are the causes of Non visualization of fetal stomach bubble? Discuss the approach towards diagnosis and further management. (10)
- Q.10** What are the ultrasound findings in case of an ectopic gestation? What is pseudo-gestational sac? Role of Doppler assessment in case of an ectopic gestation. (10)

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