

FELLOWSHIP IN MATERNAL-FETAL MEDICINE
FELLOWSHIP IN MATERNAL-FETAL MEDICINE : SUMMER : 2022
SUBJECT: PAPER-I

Day : Wednesday
Date 27-Apr-2022

S-20520-2022

Time : 10:00 AM-01:00 PM
Max. Marks: 100

N.B.

- 1) All Questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks
- 3) Each question carries **10** Marks.

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- Q.1** Cysts of the fetal brain. (10)
- Q.2** What is the difference between early and late fetal growth restriction? Explain the differences in pathophysiology, etiologies, USG findings and difference in Dopplers. (10)
- Q.3** Ano-rectal malformations : Antenatal diagnosis and counselling. (10)
- Q.4** Which are the significant 2nd trimester aneuploidy markers? Write in short about each. (10)
- Q.5** What is the approach for a couple, with the following : (10)
- a) Consanguinous couple. Previous 2 fetuses with hydrops and fetal demise. Scans prior to hydrops showed polyhydramnios and decreased fetal movements.
 - b) Previous baby with Down's syndrome
 - c) Primigravida, family history of muscular dystrophy
 - d) Lady : Sickle Cell disease.
Husband : Hb Electrophoresis normal.
- Q.6** Write Short Notes : (10)
- a) What are the types of VSD? Antenatal diagnosis and counselling.
 - b) Duct dependant lesions & counselling.
- Q.7** Name five lesions/defects/abnormalities with a good postnatal outcome, if detected antenatally. Mention in short their antenatal diagnosis findings, counselling and perinatal management. (10)
- Q.8** Write a short note on fetal circulation. (10)
What are the commoner fetal venous system abnormalities? Mention their diagnosis and counselling.
- Q.9** Fetal anemia : diagnosis, causes, management. (10)

- Q.10** a) What are the differences between selective fetal growth restriction and twin twin transfusion syndrome : etiology, findings, management, counselling.
- b) Demise of co-twin in 1st, 2nd and 3rd trimester in :
- i) Monochorionic twin
 - ii) Dichorionic twin

(10)

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