

CLASS TEST FINAL YEAR March 2016 (OBSTETRICS)

Total Marks: 40

Time allowed: 50 minutes

Q1. A 26 Years old woman in her first pregnancy with Rhesus (D) antibodies level 10 IU/ml at 26 weeks. She is very anxious regarding her problem and effect on baby.

- a. What are sensitizing events for Rhesus disease? 2 0
- b. How to prevent Rhesus iso-immunization? 2 2
- c. Which test is used to assess amount of feto-maternal hemorrhage? 2 2
- d. Mention different routes of in utero blood transfusion to fetus? 2
- e. What are the signs of fetal anaemia in HDFN? 2

Q2. A 37 years old G4P1+2 is 32 weeks pregnant. On examination fundal height is 28 cm her obstetrician advised her to have biophysical profile for fetal assessment.

- a. What are the differential diagnoses? 2
- b. Mention the variables of this test? 3
- c. What is modified biophysical profile? *CTG + Amniotic fluid Index* 2
- d. What are the different uses of doppler ultrasonography? 3

Q3. A 40 years old lady became pregnant. She is worried about having Down syndrome baby and she came to you to get information regarding:

- a. Different tests available for prenatal diagnosis? *Non invasive - u/s - Invasive - Amniocentesis - Chorionic villus sampling - Cordocentesis*
- b. Screening tests available in first trimester for Down syndrome? *u/s - Chorionic villus sampling*
- c. Compare & contrast different invasive procedures for prenatal diagnosis? 3
- d. General benefits of prenatal diagnosis? 2

Q4 A woman has a booking scan which reveals a monochorionic twin gestation. A scan at 26 weeks reveals an increase amniotic fluid index in twin 1 and decreased amniotic fluid index in twin2.

- a. What is your diagnosis? *(twin to twin transfusion syndrome)* 2
- b. Which twin is at risk and why? *(2nd twin)* 3
- c. What are the treatment options for the problem? 2
- d. How will you determine the chorionicity with USG? 3