**7th** FETAL MEDICINE & OBSTETRIC ULTRASOUND SCAN WORKSHOP

**BASIC COURSE FROM 24th – 28th May 2021**

**PRE-TEST (PART 1)**

**Full Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone No\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Please answer the following questions, printout and submit at arrival.**

**PRE-TEST (One Best option)**

1) When can fetal cardiac screening examination be performed optimally

(a) 18 – 22wks GA

(b) 8 – 12 weeks

(c) 28 – 30wks

(d) >30wks

2) Which of these abnormalities cannot be detected on a four chamber view?

(a) Pericardial effusion

(b) VSD

(c) ASD

(d) Transposition of great arteries

3) What angle must the long axis of the heart make with the Anterioposterior Diameter of the chest .

(a) 300 + 200

(b) 450 + 200

(c) 1100 + 100

(d) 400 + 100

4) The listed are causes of displacement of the heart from its normal position except

(a) Diaphramatic hernia

(b) Cystic adenomatoid malformation of the lung

(c) Mediastinal tumors

(d) umbilical hernia

5) What structure most commonly differentiates the right ventricle from the left ventricle?

(a) Crux

(b) Moderator band

(c) Ductal arch

(d) Foramen ovale

6) Most basic examination of the fetus are satisfactorily performed with

(a) 5 – 10 MHz transabdominal probe

(b) 5 -10 MHz transvaginal probe

(c) 3 – 5 MHz trans vaginal probe

(d) 3 – 5 MHz trans abdominal probe

7) The following are the commonly used axial planes in visualizing cerebral structures except

(a) Trans ventricular plane

(b) Transthalamic plane

(c) Trans caudate place

(d) Trans cerebellar plane

8) The anterior horns of the lateral ventricles are normally separated by which structure.

(a) thalamus

(b) Choroid plexus

(c) Cavum septum pellucidum

(d) cerebellar vermis

9) Which of these planes is used for biometry of the fetal head

(a) Transthalamic plane

(b) Transcerebellar plane

(c) Transcaudate plane

(d) Transfrontal planes

10) The recommended measurement for the integrity of the ventricular system is measurement at the

(a) Frontal horn of the Lateral Ventricle

(b) Occipital horn of the Lateral Ventricle

(c) Posterior horn of the lateral ventricle

(d) Third ventricle

11) The normal measurement for the width of the Cisterna magna is

(a) 2 – 10mm

(b) < 1mm

(c) 10 – 15mm

(d) 6 – 12mm

12) The following are skills to be learned during first trimester scanning except:

(a) How to calculate CRL & BPD

(b) Recognizing the features of ectopic pregnancy

(c) How to confirm single or multiple gestation

(d) Adequate measurement of FL and AC

13) When is the most appropriate time to perform a first trimester fetal ultrasound

(a) 6 – 8 wks

(b) 11 – 13+6wks

(c) 5 – 6 wks

(d) 10 – 12wks

14) The aims of ALARA Principle are as follows except:

(a) Using the highest possible scan time

(b) Using the shortest scan time

(c) Using the lowest possible power output

(d) Minimizing fetal exposure times

15) Which of the following is not used routinely during the first trimester ultrasound scanning unless clinically indicated

(a) B - mode

(b) Doppler Ultrasound

(c) M - mode

(d) None of the above

16) To measure the CRL accurately the fetal neck must be

(a) hyperflexed

(b) In neutral positon

(c) Hyper extended

(d) flexed

17) The following can be used routinely for fetal size assessment except

(a) BPD

(b) OFD

(c) FL

(d) AC

18) In the measuring plane for Abdominal circumference, the following should be visualized except

(a) umbilical vein

(b) stomach

(c) kidneys

(d) Liver

19) When assessing the fetal head, the following should be evaluated routinely except

(a) size

(b) Bone density

(c) Length

(d) Shape

20) In evaluation the fetal face, the following are routinely examined except

(a) Nostrils

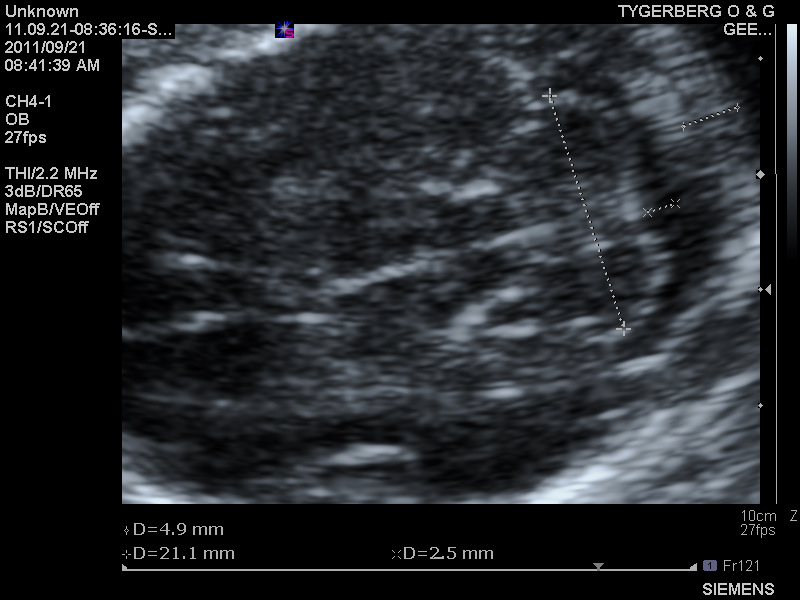
(b) Orbit

(c) Tongue

(d) Upper lip

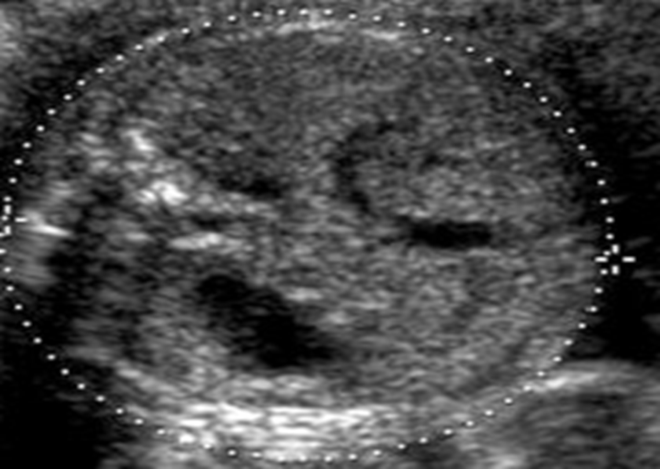
**PLEASE ANSWER THE FOLLOWING QUESTIONS**

1. WHAT STRUCTURES ARE BEING HIGHLIGHTED?

 WHAT SCANNING PLANE IS THIS

WHAT BIOMETRIC MEASUREMENT CAN BE OBTAINED HERE?

2.

 WHAT SCANNING PLANE IS THIS?

WHAT IS BEING DEMONSTRATED?

3.

 WHAT SCANNING PLANE IS THIS?

WHAT BIOMETRIC ASSESSEMENT IS BEING DEMONSTRATED?