

National Board of Examinations

Question Paper Name : DrNB Neonatology Paper1

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

- a) Quadruple screen. [5]
- b) Electronic fetal heart rate monitoring and neonatal outcome. [5]

Question Number : 2 Question Type : SUBJECTIVE

- a) Respiratory physiologic adaptation in newborn after C-section. [5]
- b) Impact of fetal scalp pH monitoring on perinatal outcomes. [5]

Question Number : 3 Question Type : SUBJECTIVE

Define stillbirth audit. Outline the approaches to stillbirth audit. List the enablers and barriers to implementing stillbirth audit in Low & Middle income countries. [2+4+4]

Question Number : 4 Question Type : SUBJECTIVE

- a) Nested case control study. [5]
- b) Randomization in clinical trials. [5]

Question Number : 5 Question Type : SUBJECTIVE

- a) STROBE Checklist. [5]
- b) Merits and demerits of Network meta-analysis. [5]

Question Number : 6 Question Type : SUBJECTIVE

Briefly outline the establishment of the neonatal gut microbiome. Outline the influence of neonatal nutrition on the gut microbiome. [6+4]

Question Number : 7 Question Type : SUBJECTIVE

Describe development of inner ear. Enumerate risk factors for sensorineural hearing loss. Discuss merits and demerits of newborn hearing evaluation techniques. Write a note on Cochlear implant. [3+2+3+2]

Question Number : 8 Question Type : SUBJECTIVE

Critically evaluate the available evidence regarding 'Resuscitation with intact placental circulation' and discuss the possible benefits and harms of such an approach. [7+3]

Question Number : 9 Question Type : SUBJECTIVE

Outline the pathophysiology of Fetal inflammatory response syndrome. Discuss the potential intervention for its prevention. [7+3]

Question Number : 10 Question Type : SUBJECTIVE

- a) Role and utility of Functional echocardiography in NICU. [5]
- b) Optimality of sepsis screen as an ideal screening test. [5]