

THE APOLLO UNIVERSITY

Saketa, Chittoor, AP

AHS- V Semester End Examination, June-2024

RTTT 3601 - NEONATAL AND PAEDIATRIC RESPIRATORY CARE - I

Time: 3 hours

Max. Marks: 60

Section –A (10x2=20 marks)

Answer all Questions with short notes

1. What is fertilization
2. What is Biophysical profile
3. What is surfactant
4. What is Apgar score?
5. Mention the roles of respiratory therapist in management of Apnea of Prematurity
6. What is RDS and what are all the causes of RDS?
7. What is Omphalocele?
8. What do you know about pectus carinatum?
9. What are all the signs and symptoms of TGA?
10. List the treatment and management of Tetralogy of fallot.

Section –B (5X8=40 marks)

Answer all Questions either A or B in 400 words each

11. A) Write a detail note on foetal development from 20th weeks of gestational age up to 40th gestational age?

OR

B) Discuss in detail “Role of Respiratory Therapist in Delivery Room”.

12. A) Discuss in detail the neonatal assessment.

OR

B) Define oxygen therapy? Explain in detail about the goals, indications and appropriate administration of oxygen in neonates.

13. A) Define RDS? Explain in detail about the epidemiology and pathophysiology of RDS.

OR

B) Discuss in detail the pathophysiology, diagnosis, treatment and management of TTN?

Cont....

14. A) What is chest wall abnormalities. Write a detail note on Poland's syndrome.

OR

B) Discuss in detail about the definition, epidemiology, etiology and pathophysiology of CDH.

15. A) What is Transposition of Great Arteries? Explain in detail the pathophysiology and diagnosis of TGA.

OR

B) Elaborate the definition, diagnosis, treatment and management of Tetralogy of fallot?
