Labor & Delivery Medication Competency Exam

Please circle or write in (where applicable) the correct answer for each question below. There is only 1 correct answer per question.

26. Insulin needs in the pregnant diabetic:
   a. decrease as gestational age increases
   b. remain the same as pre-pregnancy
   c. increase as gestation age increases

27. The drug of choice for epidural-related hypotension is:
   a. Apresoline (hydralazine hydrochloride)
   b. Epinephrine (adrenalin)
   c. Ephedrine

28. Which of the following is true about sodium bicarbonate for neonatal resuscitation?
   a. give it rapidly
   b. establishing and maintaining adequate ventilation is important
   c. repeat the dose every 5 minutes

29. The drug of choice to treat magnesium sulfate toxicity is:
   a. calcium carbonate
   b. calcium gluconate
   c. calcium citrate

30. An infant has respiratory depression following a Cesarean section. During the resuscitation, the doctor orders Narcan given to the infant. Narcan is supplied in the 0.4 mg/ml vial. The infant’s estimated weight is approximately 2000 gms. The standard dose is 0.1 mg/kg. The dose you should give is
   a. 0.25 ml
   b. 0.50 ml
   c. 0.75 ml
   d. 1.0 ml

31. A common side effect of Indocin (indomethacin) given during pregnancy is:
   a. placenta abruption
   b. PROM (premature rupture of membranes)
   c. Oligohydramnios
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32. Magnesium sulfate blocks contractions by:
   a. blockage of calcium channels in uterine muscle
   b. decreasing oxytocin production in the pituitary
   c. blocking beta receptors in uterine muscle

33. Pulmonary edema may be a complication of administration of:
   a. Apresoline (hydralazine hydrochloride)
   b. Calcium gluconate
   c. Brethine (terbutaline sulfate)

34. Side effects of beta mimetic tocolysis include:
   a. tachycardia
   b. dyspnea
   c. nausea/vomiting
   d. all of the above

35. A drug given to counteract the effects of beta mimetics is:
   a. Indocin (indomethacin)
   b. Inderal (propranolol hydrochloride)
   c. calcium gluconate

36. The maximum amount of oxytocin (pitocin) added to 1000 ml of IV fluid to control post-partum hemorrhage is:
   a. 10 units
   b. 20 units
   c. 40 units

37. When administering a heparin drip, you should monitor the results of the
   a. PTT
   b. Hematocrit
   c. Hemoglobin

38. Betamethasone is given to women in pre-term labor to:
   a. decrease the risk of infection
   b. accelerate fetal lung maturity
   c. stop pre-term labor

39. During a Cesarean section, a drug used to control uterine hemorrhage is:
   a. Prostin E (dinoprostone)
   b. aqua Mephyton (vitamin K)
   c. Hemabate (carboprost tromethamine)
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40. Prior to Cesarean section, a drug given to alkalize gastric contents is:
   a. Mylanta (aluminum hydroxide/magnesium hydroxide)
   b. Bicitra
   c. Tylox

41. Cervical ripening is accelerated by
   a. Hemabate (carboprost tromethamine)
   b. Prostin E (dinoprostone)
   c. Progesterone

42. A drug given to the mother in pre-term labor to prevent neonatal hemorrhage is:
   a. aquaMephyton (vitamin K)
   b. Coumadin (warfarin sodium)
   c. Hemabate (carboprost tromethamine)

43. Prior to the commencement of a Pitocin induction, the following are required:
   1. vital signs
   2. 20 minute fetal monitoring strip for baseline
   3. Vaginal exam by a qualified L&D nurse or physician
   4. IV hydration of 1000 ml
   5. Administration of pain medication
   a. 1, 2, and 3
   b. 1, 2, and 4
   c. 1, 2, and 5

44. Anectine (succinylcholine chloride) is given prior to general anesthesia to:
   a. increase relaxation
   b. prevent aspiration
   c. maintain adequate ventilation
   d. paralyze the muscles to allow for intubation

45. Ancef (cefazolin) requires the following precautions:
   a. possible cross reaction if allergic to penicillin
   b. use with caution in patients with low urinary output
   c. contraindicated in patients with known allergy to the cephalosporin group
   d. all of the above

46. Before administration of magnesium sulfate, the nurse should first assess
   a. fetal heart rate by obtaining a 20 minute strip
   b. maternal heart rate
   c. maternal temperature
   d. maternal respiratory rate
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47. Magnesium sulfate should NOT be administered if which of the following is true?
   a. maternal respirations are 16 per minute
   b. maternal reflexes are 2+
   c. maternal irritability and nervousness are evident
   d. maternal urinary output is below 20 ml/hour

48. Which of the following are appropriate nursing considerations for the patient that has received epidural Duramorph (preservative-free morphine sulfate) for a Cesarean delivery?
   1. keep the infant in the nursery; mother is too sedated to hold or bond with the infant
   2. have Narcan (naloxone) available
   3. Monitor for respiratory depression, hypotension, pruritus, and nausea
   4. Give the patient Tylox as soon as she has break-through pain
   a. 1,2
   b. 1,3
   c. 2,3
   d. 2,4

49. Brethine (terbutaline) can cause blood sugar to rise no matter how well-controlled the diabetic mother is.
   a. true
   b. false

50. Insulin needs increase with infection and stress.
   a. true
   b. false

Employee’s signature: ___________________________________________ Date: ________