

RECALL- 2016 MARCH

1. Pedigree of X-linked dominant/ recessive????
2. Embryological origin of bladder trigone? Mesonephric duct
3. Embryological origin of allantois? Endoderm
4. Embryological remnant of mesonephric duct? Gartners cyst
5. Asian women BMI 36 fasting sugar 4.6 and 2HABF 7.6 interpretation?
Normal
6. Data interpretation of semen analysis –answer normal
7. What are the features we see to calculate RMI? Answer: CA 125, usg score, menopausal state
8. Calculation of RMI of a post menopausal women with CA 125- 50iu/l , usg feature more than 1. Answer $3 \times 3 \times 50 = 450$
9. Oxytocin antagonist? Atosiban
10. After how many units of blood transfusion we give FFP? 4 units
11. Major hydrogen ion buffer in urine?
12. Most common infective cause of newborn anaemia in uk? Parvovirus b 19
13. Which Ig is a dimer? Ig A
14. Caput medusa is a remnant of umbilical vein
15. Math of number needed to treat? Answer 2
16. Haematological and cardiovascular changes commence in
 - 8 wks
 - 10 wks
 - 12 wks
 - 14 wks
17. Duchene muscular dystrophy mode of inheritance? Answer: X linked recessive
18. Which ig gives passive immunity to fetus? Ig G
19. Picture of cori cycle
20. Blood supply of rectus below the umbilicus? Inferior epigastric
21. Ulipristal ? Selective progesterone receptor modulator
22. Neurotransmitter secreted on to adrenal medulla? Acetylcholine

23. In endometrial ablation technique which layer should be removed? Basal layer
24. Pregnant lady of 36 wks become unconscious at a hospital car parking area? What will be your initial appropriate response? Call for help
25. After ovarian surgery patient felt pain at the right side of thigh. Which nerve is likely to be affected? Obturator nerve
26. What is the most common inherited bleeding disorder? Von Wilbrand disease
27. Enzyme use for transcription? RNA polymerase
28. 20 wks pregnant with fever, backache, vomiting . urine culture shows sensitive to nitrofurantoin, iv cephalosporin. What will you give? Answer iv cephalosporin
29. Contrast used in MRI? Gadolinium
30. Misoprostol? Prostaglandin E1 analogue
31. Which increase before menstruation? Prostaglandin F2alpha
32. Increased sweating in pregnancy? Thyroid
33. Study to see the effect of soya milk and allergy. What is the null hypothesis? There is no effect of soya milk and allergy
34. Which chemotherapeutic agent causes haemorrhagic cystitis? Cyclophosphamide
35. Insertion of round ligament? Labia majora
36. Women of mediterranean origin , raised HBA2, HBA, HBS. Diagnosis? Sickle cell trait
37. Sacro-iliac joint ? synovial joint
38. MRSA treatment? Vancomycin and clindamycin
39. Labetolol acts on which receptor? Alpha and beta both
40. Brain necrosis which type of necrosis? Colliquitive necrosis
41. Blood passes from umbilical vein into IVC through? Ductus venosus
42. Most common cardiac anomaly of clinical significance? VSD
43. Most important ligament for support of urinary bladder? Pubocervical ligament
44. Terbutaline causes ? tachycardia
45. The erythrocyte enzyme for CO2 buffering ? carbonic anhydrase

46. Only structure that leaves through lesser sciatic foramen? Tendon of obturator internus
47. Number of carbon atom in androgen? 19
48. Ecg interpretation? 2nd/ 3rd degree heart block
49. Ecg change in pregnancy ?
50. According to nice guideline where should we put sharp containers in a ward? Options were: out of reach of children and public, under the bed, near the nurse station where medicines are kept.
51. Sheehans syndrome effect which structure predominantly? Anterior pituitary
52. Nerve that passes over psoas major muscle? Genitofemoral nerve
53. Pregnant lady scared to have vaginal delivery as she had genital mutilation. On examination she had absent clitoris. What type of mutilation is this? Type 1
54. There was a picture of inversion from genetics
55. Picture of chromosomal abnormality – diagnosis patau syndrome
56. BRCA1 and BRCA2 responsible for breast and ovarian cancer. What else? options were pancreatic, colon cancer
57. Cause of secondary hyperparathyroidism? Chronic renal failure
58. Si unit of absorbed dose of radiation? Gray
59. Ideal suture wound length ratio?
60. Ctg baseline < 100, variability < 5, no acceleration, late deceleration for 20 min. What will you do next? C section
61. Cells found at inflammation site? Neutrophil
62. Cell death with cytoplasmic blebbing? Apoptosis
63. Women in labour .vaginal examination revealed baby in occipito posterior position. Which diameter is represented by this? Occipitofrontal
64. Neostigmine – anticholinesterase
65. The structure produced after the first meiotic division? Primary oocyte
66. Usg showing teratoma
67. Why co2 laser is used in the treatment of endometriosis?
68. Mode of action of pertussis vaccine

69. Patient with history of irregular menses since 2 yrs ,complete cessation for last 3 months. Lab values are:

FSH-3

LH-4

Bhcg<5

TSH 7

Prolactin 35

Options were: hypothyroidism

Pregnancy

Kallman syndrome

PCOS

70. Complement protein synthesis occurs in? liver

71. Urea cycle occurs where? Liver

72. In statistics there was question to calculate Odds ratio, negative predictive value, formula of negative predictive value, number needed to treat, perinatal mortality rate

73. Why ramifentanyl used in patient controlled analgesia? Answer maybe an option esterase

74. Data interpretation of hepatitis B. answer chronic infection

75. A picture of hormone synthesis after DHEA arrow going down. Answer androsteredion

76. Question of placenta invaded myometrium reaches upto serosa. Answer placenta percreta

77. Mechanism of action of botulinum toxin

78. Passage of molecule occurs through? Gap or tight junction. not sure

79. In which phase of cell cycle preparation of DNA replication occurs? G2

80. Ratio of direct to indirect maternal death. Maybe 3:1

81. What are responsible for cervical cancer? HPV 16 &18

82. LMP 1st march, cycle of 35 days. EDD?

83. ECG change in pregnancy?

Right axis deviation

Absent QRS

Q WAVE

T wave inversion in lead III correct answer

84. Most common side effect of terbutaline?

Hypoglycemia

Hyperglycemia

Maternal tachycardia

Fever

85. Patient in labour with occipito posterior what is the presenting part?

Suboccipitofrontal

Suboccipitobregmatic

Occipitofrontal

Mentofrontal

86. Pregnant lady with 1 still birth, 1 alive girl, 2 abortion? What's her para and gravida?

87. Cause of striae in pregnancy?

Cortisol correct answer

Melanocyte

88. Where is complement produced? Answer: liver

89. Lancefield classification of streptococcus depends on ? answer: cell wall antigen

90. After vaginal delivery patient lost lots of blood now can't breast feed the baby, C/O lethargy. What is the diagnosis? SHEEHAN'S syndrome

91. Active form of vitamin D? 1,25 dihydroxycholecalciferol

92. Patient had massive PPH, requires many units of blood transfusion. After how many units of blood transfusion fresh frozen plasma is given?

2 units

3 units

4 units

6 units

93. BRCA is associated with breast, ovarian and which cancer? Answer pancreatic

94. Patient presented with heavy vaginal discharge but no itching, PH 6. What is the cause?

Candida

Bacterial vaginosis

Trichomonus vaginalis

Physiological discharge

95. A newborn taken to the hospital with the c/o severe vomiting. Diagnosed as pyloric stenosis. What are the electrolyte disturbances? answer : hypo CL, hypo K, Alkalosis

96. What is the enzyme responsible for transcription of DNA to produce Mrna?

Answer: RNA polymerase

97. ECG of 2nd /3rd degree heart block

98. Most common side effects of cyclophosphamide? Haemorrhagic cystitis

99. Labetolol acts on which receptor? Answer: both alpha and beta

100. A lady presented 2 weeks after her delivery with hallucination, irritability, not feeding her baby? Whats the diagnosis?

Post partum blues

Depression

Psychosis

111. Drug to prevent methotrexate toxicity? Answer: Folinic acid

112. Lady with IUCD, culture shows Sulphur granules.what is the organism?
Actinomyces

113.Protective layer surrounding graffian follicle?

Zona pellucida

Basal lamina

Theca externa

Theca interna

114.Oxybutynin cant be given to a patient of ? answer acute angle glaucoma

115.Most common congenital heart disease of clinical importance? Answer: VSD

116.Type of necrosis occuring in brain? Answer: colliquitive necrosis

117.Ligament that provide the main support of bladder?

Levator ani

Uterosacral ligament

Pubocervical ligament

118.A post operative patient presents with redness of the skin around the scar and nodule. Which cell type predominates?

Neutrophils

Macrophages correct answer

Eosinophil

119.Area appear dark on usg?

Hyperechoic

Anaechoic

correct answer

120. Which system has the highest risk of teratogenicity in the embryonic period?

CVS

Genitourinary system

Lung

CNS

121. Which enzyme causes excretion of calcium? Answer calcitonin

122. Major hydrogen buffer in urine?

CL

K

Na

PO4

Ammonia

123. Treatment of chlamydia? Answer: azithromycin

124. Contrast use in MRI? Gadolinium

125. Indomethacin is? Cyclooxygenase inhibitor

126. Newborn limp, heart rate 104, flaccid. Pink trunk, blue extremities, cry on stimulation. What will be the apgar score?

4

5

6

8

129. Diethylstilbestrol is associated with which type of cancer? Answer: clear cell Ca

130. Cause of sweating in pregnancy?

Thyroid hormone

Placental hormone

Adrenal hormone

131. Neostigmine acts as? Answer: anticholinesterase

132. Lady presented with vaginal discharge, she has a boy friend, in culture there was a gm negative cocci. What is the organism? Neisseria gonorrhoe

133. Most common adverse effect of medroxy progesterone acetate is?

Menstrual abnormality

BMD loss

134. The best investigation for breast cancer to determine receptors?

MRI

USG

Immunohistochemistry.....correct answer

135. Most of the bi carbonate is absorbed in? PCT

136. Mechanism of action of botulinum toxin?

137. Warfarin acts against ? answer: prothrombin

138. Definition of perinatal death according to ICD 10?

139. DNA amplification measured by which method? PCR

140. A lady breast feeding for 1 year . what is the mechanism? Answer: lobular hyperplasia

141. Lady with lichen planus is at increased risk of? Squamous cell carcinoma

142. Ovarian artery is a branch of ? abdominal aorta

143. Genotype of complete mole. 46xx

144. Regarding malignant melanoma what is the most important prognostic factor on a biopsy specimen ? thickness or diameter??????????

145. How many sperm produced per 24 hours? 30 million