

AIIMS Solved Paper 2011 (Part 12 of 20)

1. A pregnant gets Chicken pox 3 days before delivery of the baby. What is the baby's prognosis?

- a. No risk to mother or child
- b. Intrapartum antiviral therapy required
- c. Fetopathic effects seen
- d. At risk of fetal varicella syndrome

Answer: d

2. Which among the following is not a feature of Horner's syndrome?

- a. Ptosis
- b. Miosis
- c. Heterochromia iridis
- d. Apparent exophthalmos

Answer: d

3. True regarding myocardial O₂ demand?

- a. Inversely related to heart rate
- b. Has constant relation to external cardiac work
- c. Correlates with duration of systole
- d. Is negligible at rest

Answer: c

4. All of the following is involved in development of carcinoma colon except?

- a. APC
- b. Beta catenin
- c. K Ras

d. Mismatch repair genes

Answer: b

5. Which among the following is false regarding familial adenomatous polyposis?

- a. Autosomal recessive inheritance
- b. Screening done by sigmoidoscopy
- c. Polyps develop in late adulthood
- d. Epidermal cyst may occur with osteoma

Answer: a

6. All are true about diazoxide EXCEPT:

- a. Anti-hypertensive
- b. Causes severe hypoglycemia
- c. Used in treatment of insulinomas
- d. Acts by ATP mediated K⁺ channel opening in beta cell membrane

Answer: b

7. Vertical crest at the junction of the internal auditory canal?

- a. Bill's bar
- b. Ponticulus
- c. Cog
- d. Falciform crest

Answer: a

8. True regarding ovulatory phase of menstrual cycle is?

- a. FSH increases aromatase activity
- b. Peak inhibin activity
- c. Increased steroidogenesis
- d. Activin level is high

Answer: n/a

9. All are true regarding cystic fibrosis except?


- a. It is caused by CFTR gene mutation
- b. Defect lies in Calcium channel
- c. Autosomal Recessive
- d. Mutation in delta f508 mutation

Answer: b

10. All are true regarding streptococci except?

- a. Group A and C are hemolytic
- b. Pyrogenic toxin is plasmid mediated
- c. Streptolysin O is active in reduced state
- d. Streptodornase digests nucleic acids

Answer: b

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