

- A. Measles
- B. Scarlet fever
- C. Fifth disease (Parvovirus B19)
- D. Roseola

Rationale: Parvovirus B19 causes erythema infectiosum with classic rash.

Q20. Koplik spots are pathognomonic for:

- A. Rubella
- B. Measles
- C. Varicella
- D. Scarlet fever

Rationale: Small white spots on buccal mucosa are diagnostic for measles.

Q21. A child with barking cough and inspiratory stridor likely has:

- A. Epiglottitis
- B. Croup (laryngotracheobronchitis)
- C. Asthma
- D. Bronchiolitis

Rationale: Parainfluenza virus causes croup with "seal-like" cough.

Q22. Which condition requires prophylaxis with penicillin until age 5?

- A. Asthma
- B. Rheumatic fever
- C. Sickle cell disease
- D. Cystic fibrosis

Rationale: Children with sickle cell are at risk for sepsis due to asplenia.

Q23. Down syndrome is most associated with:

- A. Trisomy 13
- B. Trisomy 18
- C. Trisomy 21
- D. Monosomy X

Rationale: Trisomy 21 causes Down syndrome.

Q24. Turner syndrome karyotype is:

- A. 47, XXY
- B. 45, X
- C. 46, XY
- D. 47, XXX

Rationale: Turner syndrome results from monosomy X.

Q25. Newborn screening for PKU is important because:

- A. Prevents anemia
- B. Prevents intellectual disability
- C. Prevents seizures

D. Parainfluenza

Rationale: Pertussis causes paroxysmal cough with inspiratory "whoop."

Q39. Varicella rash is described as:

A. Maculopapular only

• B. Lesions in different stages (dew drop on rose petal)

C. Sandpaper-like

D. Slapped cheek

Rationale: Varicella lesions appear in successive crops at different stages.

Q40. Which vaccine is contraindicated in pregnancy?

A. Tdap

B. Influenza (inactivated)

• C. MMR

D. Hepatitis B

Rationale: Live vaccines (MMR, varicella) are contraindicated in pregnancy.

Q41. Tanner stage 2 in girls is characterized by:

A. Breast bud development

• B. Breast budding and sparse pubic hair

C. Menarche

D. Adult breast contour

Rationale: Tanner stage 2 marks onset of puberty with breast budding.

Q42. Emergency contraception is most effective within:

A. 24 hours

• B. 72 hours

C. 5 days

D. 7 days

Rationale: Most effective within 72 hours, though some methods work up to 5 days.

Q43. A woman with irregular cycles and hirsutism most likely has:

A. Hypothyroidism

• B. Polycystic ovary syndrome (PCOS)

C. Endometriosis

D. Hyperprolactinemia

Rationale: PCOS presents with irregular cycles, hirsutism, and metabolic risk.

Q44. First-line treatment for bacterial vaginosis is:

A. Fluconazole

• B. Metronidazole

C. Clindamycin cream

D. Azithromycin

Rationale: BV is treated with oral or topical metronidazole.

Q45. A "fishy odor" with clue cells on wet mount indicates: