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BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(PA)-2022/B.Sc.(PA)-2023

Course Name – Pediatrics & Geriatric

Course Code - BPAC402

(Semester IV)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

(i) Indicate is Which Bidextrous grasp is seen ?

- | | |
|-------------|-------------|
| a) 4 months | b) 5 months |
| c) 6 months | d) 7months |

(ii) State Amount of protein present in 100 ml of breast milk.

- | | |
|-----------|----------|
| a) 2.2 g | b) 1.1 g |
| c) 0.55 g | d) 3.3 g |

(iii) A 5-year-old unimmunized child developed diphtheria.He has a 3 years old sibling contact,Who received last booster 18 months back. Select from the following what to do with the Contact ?

- | | |
|--|-----------------------------------|
| a) Two doses of polysaccharide vaccine | b) Two doses of conjugate vaccine |
| c) Single dose of toxoid vaccine | d) No vaccine needed |

(iv) Tell about vaccine is to be given every year.

- | | |
|----------------|-----------------|
| a) Hepatitis A | b) Pneumococcal |
| c) Influenza | d) Chickenpox |

(v) Label which Statements True about constitutional growth delay .

- | | |
|--|-----------------------------------|
| a) Normal length & weight at birth | b) Catch up growth at 6-12 months |
| c) Height velocity assume normal rate at 2-3 years | d) Bone age>choronological age |

(vi) GH deficiency is diagnosed by Interpret on the Diagnostic feature of GH deficiency.

- | | |
|---|---|
| a) Bone age less than chronological age | b) Bone age more than choronological age |
| c) Bone age equal to choronological age | d) Ratio of upper to lower segment of body is increased |

(vii) State afer how many hours C?S delivery Breastfeeding should begin ?

- | | |
|------|-------|
| a) 2 | b) 4 |
| c) 8 | d) 24 |

(viii) Locate the Specific sign of Kwashiorkor from the following .

- a) Pitting edema
c) Flat sign
- b) Weight loss
d) Muscle wasting
- (ix) Identify which is not an essential criteria for Kwashiorkor, not an essential criteria.
- a) Edema
c) hepatomegaly
- b) growth retardation
d) apathy
- (x) Select the disease that occurs due to thiamine deficiency.
- a) pellagra
c) keshan's disease
- b) beri-beri
d) rickets
- (xi) Identify in Which year Two carpal bones are radiologically seen in the wrist X-ray of most of the children?
- a) 1 year
c) 3 years
- b) 2 years
d) 4 years
- (xii) Match the condition in which Delayed dentition suits best is most characteristic of which of the following?
- a) Mongolism
c) Cretinism
- b) Acromegaly
d) Malnutrition
- (xiii) Identify the disease condition in which Wind swept sign/deformity seen ?
- a) Scurvy
c) Achondroplasia
- b) Rickets
d) Osteoporosis
- (xiv) Omit the Statement that is not Associated with a comprehensive geriatric assessment ?
- a) Increased cognition
c) Decreased living in residential care
- b) Increased living at home at 6 months
d) Decreased risk of conversion of mild cognitive impairment to Alzheimer's dementia
- (xv) Ageing is associated with multiple changes in the gastrointestinal system. State the most clinically significant change in the gastrointestinal tract with ageing from the following ?
- a) a reduction in gut motility
c) a reduction in small intestinal absorptive area
- b) a reduction in pancreatic secretions
d) an increased prevalence of atrophic gastritis

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain in brief About the Prevention of Dementia. (3)
3. Relate the Function of Folic Acid in Megaloblastic Anaemia. (3)
4. Indicate the Causes of Infant Mortality. (3)
5. Memorise the Contraindication and side effects of DPT Vaccine, and OPV. (3)
6. Differentiate Small Bowel Diarrhoea from large Bowel. (3)

OR

Classify the etiology of Obesity on the basis of Constitutional and Pathological types. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. State on the adverse effects Immunization (5)
8. How Will you Manage a case of Obesity in Children Write in Details. (5)
9. How will you Evaluate a case of status Epilepticus in the Emergency Department. (5)
10. How Will you Classify Asthma According to Severity. (5)
11. Write in Short the Objectives and protect children. (5)
12. Speculate on the Management in case of Septic Shock in Children. (5)

OR

A 5 Years Young Girl , come to Emergency Ward of your Hospital with difficulty in breathing , (5) never Breath lessnes, on examination, you found the Patient to be Pale, agitated, with increased respiratory rate with $SpO_2 < 90\%$. How you will deduce your Diagnosis and decide on Management skill.

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