



- 4 Araby is a 10 year old girl is seen for having the complaint of difficulty in concentrating at school and feeling tired. In the clinic the basic anthropometric measurements were done and the weight was 51kg (>97<sup>th</sup> centile), height was 130cm (10<sup>th</sup> centile) and the Basal Metabolic Index (BMI) was calculated.
- 4.1 How is the BMI calculated? (04 Marks)
  - 4.2 Mention the definition of overweight and obesity in children (04 Marks)
  - 4.3 List six (6) relevant questions you will ask in the history giving reasons (12 Marks)
  - 4.4 List six (6) specific signs you will look for in the examination (12 Marks)
  - 4.5 List six (6) special investigations you will order giving reasons (12 Marks)
  - 4.6 List ten (10) possible complications of obesity (20 Marks)
  - 4.7 How will you manage a child like Araby (18 Marks)
  - 4.8 What preventive steps will you take to control obesity at the community level? (18 Marks)
- 5 Two year old child is admitted to the paediatric ward with cough and fever of 3 days duration. On further inquiry the mother says the child is developmentally delayed. On examination you find a floppy child with bilateral exaggerated reflexes. The respiratory rate was 40/minute and on auscultation there were bilateral coarse crepitations.
- 5.1 What other information will you obtain in the history and examination to arrive at a conclusion? (30 Marks)
  - 5.2 List the investigations you will request giving reasons. (20 Marks)
  - 5.3 The child is discharged home on the 5<sup>th</sup> day and is advised to come to the clinic. List the problems you will anticipate in this child in the future? (30 Marks)
  - 5.4 What advice will you give regarding future pregnancies? (20 Marks)
- 6 What advice will you give at discharge in the following clinical situations
- 6.1 2 year old girl who was treated for aspiration pneumonia following accidental ingestion of kerosene oil (40 Marks)
  - 6.2 6 year old treated for iron deficiency anaemia (30 Marks)
  - 6.3 4 weeks old baby diagnosed to have congenital adrenal hyperplasia (30 Marks)