1. **Question 1:** Which set of variables are qualitative?  
   **Answer:** A. Sex, marital status and body mass index classes
2. **Question 2:** Which of the following variables are polychotomous?  
   **Answer:** D. Marital status and residence
3. **Question 3:** If a variable is qualitative, it is appropriate to summarize it using the following:  
   **Answer:** E. Frequency, proportion or percentage
4. **Question 4:** What will be the body mass index for a person with height 1.5 m and weight 65 kg?  
   **Answer:** E. 26.67
5. **Question 5:** Which method was used in the lab to assess the nutritional status of students at the University of Lusaka?  
   **Answer:** A. Anthropometric
6. **Question 6:** Which statement is not true about nutritional assessment?  
   **Answer:** C. Interpreting results from nutritional assessment methods does not require a consideration of socio-economic status, cultural practices, health, and vital statistics.
7. **Question 7:** What is the difference between body mass index (BMI) and waist hip ratio (WHP)?  
   **Answer:** E. All of the above except D
8. **Question 8:** Using the Harris-Benedict equation, what is the basal metabolic rate of a female participant, aged 38 years, height = 165 cm, and weight 110kg?  
   **Answer:** 1529.4
9. **Question 9:** A male student with age = 37 years, height = 170 cm, weight = 58 kg who is known to lead a moderately active lifestyle. Given this information, what is his total daily energy expenditure?  
   **Answer:** B. 2261.5
10. **Question 10:** What was the waist hip ratio for a male participant with a waist circumference = 109 cm and hip circumference = 119 cm, and how would you classify this ratio according to WHO?  
    **Answer:** B. 1.1 and high risk

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