

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
(For candidates admitted from the academic year 2008-09 & thereafter)  
**SUBJECT CODE: ZL/GE/HG24**

**B. Sc. DEGREE EXAMINATION APRIL 2009**  
**SECOND SEMESTER**

**COURSE : GENERAL ELECTIVE**  
**PAPER : HUMAN HEALTH AND GENETICS**  
**TIME : 2 HOURS** **MAX. MARKS: 50**  
**SECTION – A**

**ANSWER ALL QUESTIONS: (10 X 2 = 20)**

1. **Name the disease caused by deficiency of**  
a) Vitamin C                      b) Iron
2. **Match the following:**  
a) Tuberculosis                      -              Chromosomal disorder  
b) IVF                                      -              Bone  
d) Osteoporosis                      -              Assisted Reproductive Technology  
f) Cat Cry Syndrome                      -              Lung
3. **Distinguish between**  
a) Autosomes and Allosomes
4. **Give the Causative Agent for the following:**  
a) Cholera                              b) AIDS
5. **Relate symptoms to the disease**  
a) Shivering and high fever                      b) Lack of pigmentation
6. **Give an example for**  
a) Eating disorder                      b) Y – Linked inheritance
7. **Name the Chromosomal disorder**  
a) Trisomy 21                      b) 45 XO
8. **What is vaccination?**
9. **Comment on Neurotic Disorder.**
10. **What is BMI? How is it calculated?**

**SECTION – B**

**ANSWER ANY FOUR QUESTIONS:**

**(4 X 5 = 20)**

11. Write a short note on food hygiene.
12. Give an account on Malaria.
13. What is hypertension? What are the risks due to Hypertension?
14. Give an account on gametes and their role in heredity.
15. Write a short note on Genetic engineering.
16. Enumerate the diseases caused by Vitamin deficiencies.
17. Explain sex determination in Man.

**SECTION – C**

**ANSWER ANY ONE QUESTION:**

**(1 X 10 = 10)**

18. Give an account on Diabetes mellitus.
19. Explain Blood group inheritance in Man.

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