

World Sickle Cell Day Quiz

1. When is World Sickle Cell Day observed?

- ☐ a) June 5
- ☐ b) June 15
- ☐ c) June 19
- ☐ d) June 25

(Answer: c) June 19)

2. Which organization officially recognizes World Sickle Cell Day?

- ☐ a) UNESCO
- ☐ b) WHO
- ☐ c) UNICEF
- ☐ d) UNGA

(Answer: d) UNGA)

3. In which year did the United Nations officially recognize World Sickle Cell Day?

- ☐ a) 2004
- ☐ b) 2008
- ☐ c) 2011
- ☐ d) 2015

(Answer: b) 2008)

4. Sickle Cell Disease is a type of what disorder?

- ☐ a) Metabolic
- ☐ b) Genetic
- ☐ c) Viral
- ☐ d) Autoimmune

(Answer: b) Genetic)

5. Which part of the body is primarily affected by sickle cell disease?

- ☐ a) Liver
- ☐ b) Brain
- ☐ c) Red blood cells
- ☐ d) Kidneys

(Answer: c) Red blood cells)

6. What shape do sickle cells take on?

- ☐ a) Round
- ☐ b) Star
- ☐ c) Crescent

- ☐ d) Square
- (Answer: c) Crescent)

7. What is the most common complication of sickle cell disease?

- ☐ a) Skin rashes
 - ☐ b) Vision loss
 - ☐ c) Pain crises
 - ☐ d) Hair loss
- (Answer: c) Pain crises)

8. Which vitamin is commonly recommended for sickle cell patients?

- ☐ a) Vitamin A
 - ☐ b) Vitamin C
 - ☐ c) Folic acid
 - ☐ d) Vitamin D
- (Answer: c) Folic acid)

9. What is the primary cause of sickle cell disease?

- ☐ a) Poor nutrition
 - ☐ b) Inherited mutation in the hemoglobin gene
 - ☐ c) Bacterial infection
 - ☐ d) Viral transmission
- (Answer: b) Inherited mutation in the hemoglobin gene)

10. Sickle cell disease is most prevalent in which region?

- ☐ a) North America
 - ☐ b) Western Europe
 - ☐ c) Sub-Saharan Africa
 - ☐ d) East Asia
- (Answer: c) Sub-Saharan Africa)

11. Which test is commonly used to diagnose sickle cell disease in newborns?

- ☐ a) MRI
 - ☐ b) Blood smear
 - ☐ c) Heel-prick blood test
 - ☐ d) CT scan
- (Answer: c) Heel-prick blood test)

12. What is a common treatment to reduce sickle cell complications?

- ☐ a) Chemotherapy
 - ☐ b) Blood transfusions
 - ☐ c) Radiation therapy
 - ☐ d) Insulin shots
- (Answer: b) Blood transfusions)

13. What type of hemoglobin is produced by individuals with sickle cell disease?

- ☐ a) Hemoglobin A
- ☐ b) Hemoglobin B
- ☐ c) Hemoglobin F
- ☐ d) Hemoglobin S

(Answer: d) Hemoglobin S)

14. What inheritance pattern does sickle cell disease follow?

- ☐ a) Dominant
- ☐ b) Recessive
- ☐ c) Codominant
- ☐ d) X-linked

(Answer: b) Recessive)

15. What is the purpose of observing World Sickle Cell Day?

- ☐ a) To promote blood donation
- ☐ b) To raise awareness and improve care
- ☐ c) To celebrate medical advances
- ☐ d) To end genetic testing

(Answer: b) To raise awareness and improve care)

