

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Total Marks: 40

Time Allowed: 1 Hour

### General Awareness (10 Questions, 20 Marks)

*Each question carries 2 marks.*

1. **Who was the first woman to become the Prime Minister of India?**
  - a) Indira Gandhi
  - b) Sarojini Naidu
  - c) Pratibha Patil
  - d) Kalpana Chawla
2. **Which country is known as the "Land of the Rising Sun"?**
  - a) China
  - b) Japan
  - c) Thailand
  - d) South Korea
3. **Which is the largest desert in the world?**
  - a) Sahara
  - b) Gobi
  - c) Kalahari
  - d) Arctic Desert
4. **Who was the first President of India?**
  - a) Dr. Rajendra Prasad
  - b) Sardar Vallabhbhai Patel
  - c) Jawaharlal Nehru
  - d) Dr. B.R. Ambedkar
5. **Which layer of the Earth lies between the crust and the core?**
  - a) Lithosphere
  - b) Mantle
  - c) Asthenosphere
  - d) Mesosphere
6. **Which is the smallest ocean in the world?**
  - a) Indian Ocean
  - b) Southern Ocean
  - c) Arctic Ocean
  - d) Atlantic Ocean
7. **Who discovered the law of gravitation?**
  - a) Isaac Newton
  - b) Galileo Galilei
  - c) Albert Einstein
  - d) Johannes Kepler
8. **Which gas is most abundant in Earth's atmosphere?**
  - a) Oxygen
  - b) Nitrogen
  - c) Carbon Dioxide
  - d) Argon
9. **What is the official language of Brazil?**
  - a) English
  - b) Spanish
  - c) Portuguese
  - d) French
10. **Which ancient civilization built the Pyramids of Giza?**
  - a) Mesopotamians
  - b) Egyptians
  - c) Mayans
  - d) Romans

## Mathematics (10 Questions, 20 Marks)

Each question carries 2 marks.

1. **Simplify:  $24 \div 4 + 5 \times 3$**   
a) 39  
b) 21  
c) 18  
d) 27
2. **Solve for x:  $5x - 3 = 22$**   
a) 5  
b) 6  
c) 7  
d) 4
3. **A triangle has sides measuring 7 cm, 24 cm, and 25 cm. What type of triangle is it?**  
a) Equilateral  
b) Isosceles  
c) Right-angled  
d) Scalene
4. **What is the area of a rectangle with length 12 cm and breadth 8 cm?**  
a)  $96 \text{ cm}^2$   
b)  $100 \text{ cm}^2$   
c)  $120 \text{ cm}^2$   
d)  $144 \text{ cm}^2$
5. **The sum of two consecutive odd numbers is 36. What are the numbers?**  
a) 17 and 19  
b) 15 and 21  
c) 18 and 20  
d) 19 and 21
6. **Find the HCF of 36 and 48.**  
a) 12  
b) 6  
c) 18  
d) 24
7. **If the radius of a circle is 7 cm, find its circumference. ( $\pi = \frac{22}{7}$ )**  
a) 44 cm  
b) 14 cm  
c) 22 cm  
d) 50 cm
8. **What is the square root of 256?**  
a) 14  
b) 16  
c) 18  
d) 12
9. **A train travels 240 km in 4 hours. What is its speed in km/h?**  
a) 60 km/h  
b) 40 km/h  
c) 80 km/h  
d) 100 km/h
10. **A man buys a pen for ₹15 and sells it for ₹20. What is his profit percentage?**  
a) 20%  
b) 25%  
c) 30%  
d) 33.33%