St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092
Session: 2025-2026 - Worksheet

Class: VIII	Subject: Mathematics	Topic: Comparing Quantities	Worksheet-17

MULTIPLE CHOICE QUESTIONS:

Q1: Let x and y be two numbers such that x = 6y. Then y is less than x by (in approx.)

   (1) 50%   (2) 60%   (3) 75%   (4) 83 %

(ans: 4)

Q2: The ratio of speed of cycle 12 km per hour to the speed of scooter 36 km per hour is

        (1) 1:2   (2) 1:3   (3) 1:4   (4) None of these

Q3: A man spends Rs, 3500 and saves 12 % of his income. His monthly salary is:

   (1) Rs.4000   (2) Rs.3800   (3) Rs.4200   (4) Rs.4500

(ans: 1)

Q4: If the cost of the book worth Rs. 50 is increased by Rs. 25, the rate of increase is:

        (1) 25%   (2) 20%   (3) 50%   (4) 10%

(ans: 3)

Q5: A student has to obtain 33% of the total marks to pass. He got 125 marks and failed by 40 marks. The maximum marks are:

   (1) 300   (2)500   (3) 800   (4) 1000

 (ans: 2)

Q6: **The price of bike is Rs. 75000 last year. The price increased by 20% this year. What is the price of bike this year?**

(1) Rs.50000   (2) Rs.60000   (3) Rs.80000   (4) Rs.90000

(ans: 4)

Q7: **An item is marked as Rs. 6000. There is a 25% discount on the item. What is the amount of discount received on the item?**

(1) Rs.6000   (2) Rs.1000   (3) Rs.1500   (4) Rs.2500

(ans: 3)

Q8: **Evaluate the compound interest on Rs. 10101 for 3 years at the rate of 9% per annum compounded annually.**

 (1) 2980   (2) 30000   (3)10101   (4)33333

(ans: 1)

Q9: **Compute the compound interest on Rs. 16000 for 2 years 10% per annum when compounded half yearly.**

(1) 3338.10   (2) 3448.10   (3) 3883.30   (4) 3884.30

(ans: 2)

Q10: **If the amount is Rs. 400 and Principal is Rs. 100 which is compounded half yearly for 1 year, calculate the rate of interest.**

a) 10
b) 200
c) 2
d) 20

(ans: 2)