**AGES**

**WORKSHEET**

1. When I add 4 times my age 4 years from now to 5 times my age 5 years from now, I get 10 times my current age. How old will I be 3 years from now?

(a) 41 (b) 45 (c) 44 (d) 49

2. X says to Y: I am thrice your current age but 15 years hence that ratio will alter to 2:1. What are their current ages?

(a) 5 and 15 (b) 45 and 15 (c) 25 and 75 (d) 10 and 30

3. Ashok is as much younger than Vimal as he is older than Arun. If the sum of ages of Arun and Vimal is 40 years, how old is Ashok?

a) 20 years b) 25 years c) 30 years d) 40 years

4. My father’s age was x in the year x². I am obviously talking about 20th century. In which year was my father born?

(a) 1936 (b) 1892 (c) 2025 (c) cannot be determined

5. A is twice as old as B. If A was 4 years younger and B was 3 years older, then the difference between their ages is 12 years. What is the sum of their ages?

a) 67 b) 32 c) 57 d) None of these

6. My elder brother’s age and my ages are such that:

If 18 is added to the sum of our ages then the total is twice my elder brother’s age and if 6 is reduced from the difference of our ages then you get my age. What are our ages?

(a) 12 and 9 (b) 6 and 12 (c) 30 and 12 (d) 15 and 25

7. Joe’s father will be twice his age 6 years from now. His mother was twice his age 2 years before. If Joe will be 24 two years from now, what is the difference between his father's and mother's age?

a) 4 b) 6 c) 8 d) 10

8. A tells B when I was half of your present age you were 1/4th of my present age. If A’s present age is 36, what is B’s present age?

(a) 34 (b) 26 (c) 30 (d) 28

9. Present ages of Sameer and Anand are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Anand's present age in years?

(a) 24 (b)27 (c)40 (d)Cannot be determined

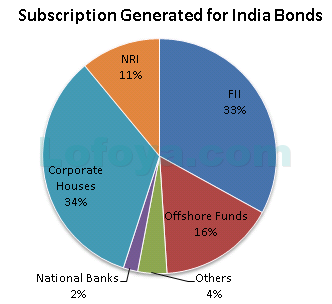
10. A person's present age is two-fifth of the age of his mother. After 8 years, he will be one-half of the age of his mother. How old is the mother at present?

(a) 32 years (b)36 years (c)40 years (d)48 years

**DATA INTERPRETATION**

**Direction for Q1 to Q4:**

The following pie chart shows the amount of subscriptions generated for India Bonds from different categories of investors.



1. If the investments by NRIs are Rs 4,000 crore, then the investment by corporate houses and FIIs together is:

(a) 24,000 crore (b) 24,363 crore

(c) 25,423.4 crore (d) 25,643.3 crore

2. What percentage of the total investment is coming from either FIIs or NRIs?

(a) 33% (b) 11% (c) 44% (d) 22%

3. If the total investment other than by FII and corporate houses is Rs 335,000 crore, then the investment by NRls and offshore funds will be (approximately):

Note: As Catherine points out, a typo has been corrected. Instead of "total investment other than by FH and corporate houses" in the question, it now reads "total investment other than by FII and corporate houses"

(a) 274,100 (b) 285,600 (c) 293,000 (d) Cannot be determined

4. What is the approximate ratio of investment flows into India Bonds from NRIs to corporate houses?

(a) 1 : 4 (b)1 : 3 (c) 3 : 1 (d) Cannot be determined

**Direction for Q5 to Q9:**

The following table gives the enrollment in Higher Secondary Schools in 1978. Study the table carefully and answer these questions.

Table below can be scrolled horizontally

| **Enrollment** | **No. of Schools** |
| --- | --- |
| 20-39 | 526 |
| 40-59 | 620 |
| 60-79 | 674 |
| 80-99 | 717 |
| 100-119 | 681 |
| 120-139 | 612 |
| 140-159 | 540 |
| 160-179 | 517 |
| 180-199 | 522 |
| **Total** | 5439 |

5. What is the approximate percentage of schools, where the enrolment was below 120?

(a) 59.16 (b) 59.27 (c) 60.00 (d) 61.00

6. What is the approximate percentage of schools, where the enrolment was above 79 but below 180?

(a) 56.13 (b) 56.39 (c)57.48 (d)

7. Under which class does the maximum number of schools fall?

(a) 100-119 (b) 80-99 (c) 60-79 (d) None of these

8. What is the approximate percentage of the least number of schools for the classes of enrolment?

(a) 8 (b) 9.5 (c)10.2 (d) 11.6

9. What is the number of schools where the enrolment is above 99 but below 160?

(a) 2550 (b)2033 (c)1833 (d) 1316