

D. E. Shaw Placement Papers 2026

15 MCQs with answer key · Free download

Questions

Q1. [Quantitative] A sum doubles in 5 years at SI. Rate of interest p.a. is: [D. E. Shaw paper]

- A) 20%
- B) 10%
- C) 15%
- D) 25%

Q2. [Quantitative] Difference between CI and SI on ₹10,000 at 10% for 2 years is: [D. E. Shaw paper]

- A) ₹100
- B) ₹200
- C) ₹110
- D) ₹90

Q3. [Reasoning] If CREDIT is written as 3-18-5-4-9-20, how is DEBIT coded? [D. E. Shaw paper]

- A) 4-5-2-9-20
- B) 4-5-2-8-20
- C) 4-6-2-9-20
- D) 5-5-2-9-20

Q4. [Quantitative] A sum of money doubles itself in 5 years at simple interest. In how many years will it become 4 times?

- A) 12 years
- B) 15 years
- C) 215 years
- D) 18 years

Q5. [Quantitative] HCF of 2 and 3 is:

- A) 1
- B) 6
- C) 2
- D) 3

Q6. [Quantitative] HCF of 17 and 6 is:

- A) 1
- B) 102
- C) 17
- D) 6

Q7. [Quantitative] HCF of 11 and 20 is:

- A) 1
- B) 220
- C) 11
- D) 20

Q8. [Quantitative] Select 3 people from 10 for a committee. How many ways?

- A) Cannot be determined
- B) $C(10,3) = \frac{10!}{(3! \times 7!)} = 120$
- C) Data inadequate
- D) None of these

Q9. [Quantitative] HCF of 15 and 3 is:

- A) 3
- B) 15
- C) 5
- D) 6

Q10. [Quantitative] HCF of 18 and 17 is:

- A) 1
- B) 306
- C) 18
- D) 17

Q11. [Quantitative] HCF of 22 and 6 is:

- A) 2
- B) 66
- C) 22
- D) 6

Q12. [Quantitative] Divide 1720 in the ratio 2:3. The larger share is:

- A) 1432
- B) 1288
- C) 1360
- D) 1480

Q13. [Quantitative] HCF of 10 and 2 is:

- A) 2
- B) 10
- C) 4
- D) 5

Q14. [Quantitative] HCF of 12 and 20 is:

- A) 4
- B) 60
- C) 12
- D) 20

Q15. [Quantitative] If "APPLE" is coded as "BQQMF", how is "ORANGE" coded?

- A) PSBOHF
- B) Data inadequate
- C) None of these
- D) Cannot be determined

Answer Key & Explanations

Q1. A

$I = P$ in 5 yrs ! $R = 20\%$.

Q2. A

CI" $SI = P(R/100)^2 = 100$.

Q3. A

Positional alphabet codes.

Q4. B

Correct answer: 15 years

Q5. A

$\gcd(2,3)=1$.

Q6. A

$\gcd(17,6)=1$.

Q7. A

$\gcd(11,20)=1$.

Q8. B

Correct answer: $C(10,3) = 10!/(3!\times 7!) = 120$

Q9. A

$\gcd(15,3)=3$.

Q10. A

$\gcd(18,17)=1$.

Q11. A

$\gcd(22,6)=2$.

Q12. A

Larger = $\frac{3}{5} \times 720 = {}^1432$.

Q13. A

$\gcd(10,2)=2$.

Q14. A

$\gcd(12,20)=4$.

Q15. A

Correct answer: PSBOHF