

GBHSS -ALANGUDI

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ONE MARK TEST FROM II CHAPTER test No:4

- 1) The remainder is always ----- the divisor
(A) equal to (B) greater than (C) \geq (D) less than
2. The quotient and remainder when -23 divided by 3
(A) $q=8, r=1$ (B) $q=-6, r=1$ (C) $q=-8, r=1$ (D) $q=-8, r=-1$
- 3) If V of is the HCF of 555 and 342, find x and y satisfying
 $V=45x+7y$
(A) $x = 1, y = 4$ (B) $x = 1, y = -2$ (C) $x = 1, y = -6$ (D) $x = 1, y = 5$
- 4) All positive integers, when divided by 7 leaves remainder 5
(A) -5,10,15... (B) 5,12,21,... (C) 5,12,19 (D) 5,12,19,...
- 5) If $5184 = 3^a \times 4^b$ then the value of a, b is
(A) 2,2 (B) 3,4 (C) 4,3 (D) 4,5
- 6) The 12 th term from the last term of the A.P -2,-4,-6,....-100
(A) 88 (B)-88 (C)-78 (D)-68
- 7) If $P^2 \times q^1 \times r^4 \times s^3 = 315000$ then the value of p, q, r and s
(A) 3, 7, 5, 2 (B) 1, 2, 3, 4 (C) 2, 4, 1, 5 (D) 1, 2, 4, 5
- 8) The least number that is divisible by the first ten natural
Numbers is
(A) 2025 (B) 2520 (C) 5025 (D) 5052

9) If $3+k, 18-k, 5k+1$, are A.P then x and y is

(A) 4 (B) 5 (C) 7 (D) 11

10) If $a_n = -(n^2 - 4)$ then a_{11} is

(A) 111 (B) -117 (C) -107 (D) -111