

Q.1) Choose correct alternatives for each of the following & Write the correct option in the boxes provided :

- 1) For an A.P. IF $t_n = 4$, $n=7$, $d=-4$, then $a = \dots\dots$
A) 6 B) 7 C) 20 D) 28
- 2) For an A.P., the first two terms are -3, 4. The 21st term is $\dots\dots$
A) -143 B) 143 C) 137 D) 17
- 3) The sum of the first five multiples of 3 is...
A) 45 B) 55 C) 15 D) 75
- 4) The sum of the first ten terms of A.P. 15, 10, 5, ... is...
A) -75 B) -125 C) 75 D) 125
- 5) The first term of an A.P. is 1 and the n th term is 20. If $S_n = 399$, then $n = \dots\dots\dots$
A) 42 B) 38 C) 21 D) 19
- 6) Which of the following is sum of the first 20 natural numbers ?
A) 200 B) 400 C) 420 D) 210
- 7) What is the 16th term of an A.P. whose first two terms are 100, 105 ?
A) 195 B) 185 C) 175 D) 165
- 8) If for an A.P. $d=11$, what is $t_{17} - t_{15}$?
A) 21 B) 22 C) 33 D) 13
- 9) For an A.P., IF $a = 2$ and $d=2.5$, then which is the seventh term ?
A) 17 B) 15 C) 13 D) 11
- 10) For an A.P., if $a = 3$, $d=5$, what is the value of t_{11} ?
A) 53 B) 58 C) 85 D) 35

11) Rate of GST on essential commodities is

- A) 5 % B) 12 % C) 0 % D) 18 %

12) The tax levied by the central government for trading within State is

- A) IGST B) CGST C) SGST D) UTGST

13) GST system was introduced in our country from

- A) 31st March, 2017 B) 1st April, 2017
C) 1st January, 2017 D) 1st July, 2017

14) The rate of GST on stainless steel utensils is 18 % ,then the rate of state GST is

- A) 18 % B) 9 % C) 36% D) 0.9 %

15) In the format of GSTIN there are..... alpha numerals.

- A) 15 B) 10 C) 16 D) 9

16) The rate of GST on bread is

- A) 5% B) 12 % C) 0% D) 18%

17) What is the GST levied by central government, for inter state trading, known as ?

- A) ITC B) IGST C) CGST D) SGST

18) The rate of GST on LPG cylinder is 5%, then the rate of central GST is

- A) 10% B) 0% C) 5% D) 2.5%

19) What is business between the retailer and consumer under GSTIN known as ?

- A) BB B) B2B C) BC D) B2C

20) A businessman collected GST ₹960 on selling an article for ₹8000. What is the rate of GST ?

- A) 28 % B) 18% C) 12% D) 5%