Goods and Services Tax

Q1. The printed price of an article is Rs.3080. If the rate of GST is 10%, then the GST charged is:
(a) Rs. 154
(b) Rs. 308
(c) Rs. 30.80
(d) Rs. 15.40 [2023]

Solution: (b) Rs. 308

Step-by-step Explanation:

Printed Price = Rs. 3080

rate of GST= 10%

$$Hence,\ GST\ =\ 10\%\ of\ 3080$$
$$=\ \frac{10}{100}\times 3080$$
$$=\ 308$$

Therefore, rate of GST charged is Rs. 308. Option (b)

Q2. Mr. Arora bought the following articles from a departmental store:

Sl. No.	Item	Price (Rs.)	Rate of GST	Discount
1.	Hair oil	1200	18%	Rs. 100
2.	Cashew nuts	600	12%	12%

Find the:
(i) Total GST paid.
(ii) Total bill amount including GST. [2023]

Solution: (i) Rs. 270 (ii) Rs. 1970

Step-by-step Explanation:

1. For hair oil
MRP = Rs. 1200
Rate of GST = 18%
Discount = Rs. 100
Cost price = Rs. 1100
GST paid = 18% of 1100 = Rs. 198

2. For Cashew nuts
MRP = Rs. 600
As there is no discount, so cost price = MRP = Rs. 600
GST paid = 12% of 600 = Rs. 72

(i) Total GST paid = 198 + 72 = Rs. 270

(ii) Total bill amount including GST = 1100 + 600 + 270 = Rs. 1970

Q3. The marked price of an article is Rs. 5000. The shopkeeper gives discount of 10%. If the rate of GST is 12%, then the amount paid by the customer including GST is:
(a) Rs. 5040
(b) Rs. 6100
(c) Rs. 6272
(d) Rs. 6160 [2022 Semester-1]

Solution: (a) Rs. 5040

Step-by-step Explanation:

$$Marked\ price\ =\ Rs\ 5000$$
$$discount\ =\ 10\%\ of\ 5000$$
$$=\ \frac{10}{100}\times 5000$$
$$=\ 500$$
$$Hence,\ S.P.\ =\ 5000-500\ =\ 4500$$
$$Now,\ rate\ of\ GST\ =\ 12\%$$
$$Therefore,\ GST\ =\ \frac{12}{100}\times 4500 = 540$$
$$Hence,\ price\ including\ GST\ =\ Rs.\ (4500+540)\ =\ Rs.\ 5040$$

Q4. The selling price of a shirt excluding GST is Rs.800. If the rate of GST is 12%, then the total price of the shirt is:
(a) Rs. 704
(b) Rs. 96
(c) Rs. 896
(d) Rs. 848 [2021 Semester-1]

Solution: (c) Rs. 896

Step-by-step Explanation:

$$S.P.\ of\ shirt\ =\ Rs.\ 800$$
$$Rate\ of\ GST\ =\ 12\%$$
$$Hence,\ GST\ =\ 12\%\ of\ 800$$
$$=\ \frac{12}{100}\times 800\ =\ 96$$
$$Therefore,\ Total\ price\ of\ shirt\ =\ 800+96\ =\ Rs.\ 896$$

Q5. The percentage share of SGST of total GST for an intra-state sale of an article is
(a) 25%
(b) 50%
(c) 75%
(d) 100% [2021 Semester-I]

Solution: (b) 50%

Step-by-step Explanation:

If there is intra-state sale, i.e. sale within same state, then total GST is distributed equally to state SGST and centre CGST.

Q6. The following bill shows the GST rates and the marked price of articles A and B:

BILL : GENERAL STORE		
Article	M.P.	Rate
A	Rs. 300	12%
B	Rs. 1200	5%

The total amount to be paid for the above bill is
(a) 1548
(b) 1596
(c) 1560
(d) 1536 [2021 Semester-I]

Solution: (b) 1596

Step-by-step Explanation:

For Article A,

Total S.P. = M.P. + GST

$= 300 + 12\%$ of 300

$= 300 + 36$

$= 336$

For Article B,

Total S.P. = M.P. + GST

$= 1200 + 5\%$ of 1200

$= 1200 + 60$

$= 1260$

Therefore, total bill = Rs. 336 + Rs. 1260 = Rs. 1596

Q7. Mr. Bedi visits the market and buys the following articles:

Medicines costing Rs.950, GST @ 5%
A pair of shoes costing Rs.3000, GST @18%
A laptop bag costing Rs.1000 with a discount of 30%, GST @ 18%

(i) Calculate the total amount of GST paid.
(ii) The total bill amount including GST paid by Mr. Bedi [2020]

Solution: (i) Rs. 713.50 (ii) Rs. 5363.50

Step-by-step Explanation:

For Medicines
Cost = Rs. 950

GST% = 5%
GST = 5% of 950 = Rs. 47.50

For Shoes
Cost = Rs. 3000
GST% = 18%
GST = 18% of 3000 = Rs. 540

For Laptop bag
Cost = Rs. 1000
Discount = 30%
Discounted price = 1000 – 30% of 1000 = (1000 – 300)= 700
GST% = 18%
GST = 18% of 700 = Rs. 126

(i) Total GST = 47.50 + 540 + 700 = Rs. 713.50
(ii) Total bill = 713.50 + 950 + 3000 + 700 = Rs. 5363.50