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Andhra Pradesh State Council of Higher Education

Notations:

Options shown in green color and with
 ✓ icon are correct.
 Options shown in red color and with
 icon are incorrect.

Question Paper Name :	Electronics and Communication Engineering 19th July 2022 Shift 1
Duration:	120
Total Marks:	120
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator:	None
Magnifying Glass Required? :	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required? :	No
Show Watermark on Console?:	Yes
Highlighter:	No
Auto Save on Console?	Yes
Change Font Color:	No
Change Background Color:	No
Change Theme :	No
Help Button:	No
Show Reports:	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

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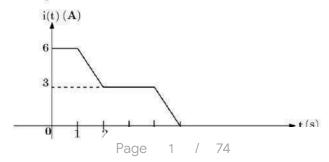
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Electronics and Communication Engineering

Section Id: 90030011
Section Number: 1
Mandatory or Optional: Mandatory
Number of Questions: 120
Section Marks: 120
Enable Mark as Answered Mark for Review and Clear Response: Yes
Maximum Instruction Time: 0

 $Question\ Number: 1\ Question\ Id: 9003001201\ Display\ Question\ Number: Yes\ Is\ Question\ Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Minimum\ Instruction\ Time: 0$

Suppose that the time-varying current through a network element is as shown in the Figure. The total charge passed through the network element at t = 5 second is ------.



Options:

12 coulombs