







will be:

$$(iii) - 51$$

$$(iv) - 21$$

(i) The Integration of $y = 7x^2$ is:

(i)
$$7x^3/3 + C$$

(ii)
$$7x^2/2 + C$$

(iii)
$$7x/4 + C$$

- (iv) None of these
- (j) The possibility of a point of inflexion arises only when:
 - (i) The function does not represent maximum value
 - (ii) The function does not represent minimum value

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(4)

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- (iii) Neither (i) nor (ii)
- (iv) None of these

Group - B

(Short-answer Type questions)

Answer any four questions from the following:

 $5 \times 4 = 20$

- What is function? Explain different types of function.
- 3. If [A] = $\begin{bmatrix} 5 & 2 \\ 9 & -1 \end{bmatrix}$ and B = $\begin{bmatrix} -3 & 8 \\ 2 & 0 \end{bmatrix}$ find:
 - (a) A + B
 - (b) A×B
 - (c) A-B
- 4 Explain the different characteristics of Cobb-Douglas Production function, mathematically.
- Write a short note on Zero sum or Constant sum Game.

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(5)

one one of the form over)

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