

CHAPTER - 14**Factorisation****Questions carrying 1 mark each :-**

Q.1 Factorise $x^2 + x$.

Q.2 Is it correct : $3(x-4) = 3x - 4$.

Questions carrying 2 marks each :-

Q.3 Factorise $9a^2 - 16b^2$

Q.4 Factorise $24x^4 + 18x^3$

Q.5 Factorise $2a - 32a^5$

Q.6 Divide $32xy^2 - 16x^2y$ by $16xy \frac{x}{5} + 5 = 6x$

Q.7 Evaluate $(ax + ay + ax) - a$

Questions carrying 3 marks each :

Q.8 Factorise $1 - a^2 - 2ab - b^2$

Q.9 Resolve into factors : $2x^2 - 3ax - 2a^2$

Q.10 Find the greatest common factor of $-4a^3b^2, 12a^3b^3c, 16a^5bc$.

Q.11 Divide $(4x^2 - 9)$ by $(2x - 3)$.

Q.12 Find and correct the error :-

Q.13 Factorise $(x^4) - (y-z)^4$

Multiple Choice Questions carrying 1mark each:-

Q.14 Division is opposite of

- | | |
|-------------------|------------------|
| a) Subtraction | b) Addition |
| c) Multiplication | d) None of these |