Section A has 8 MCQs of 1 mark each Section B: Questions No: 9 to 14 are very short answer type of 2 marks each Section C: Questions 15 to 22 are short answer type of 3 marks each Section D: Question No: 23 to 31 are long answer type of 4 marks each.

SECTION A

Which of the following is not a factor of $8x^2v^2$ I.

(a) $2x^2$

(b) $4x^2$

(c) $6x^2$

Which amongst the following is not a polyhedron? 2.





(c)



(d)



3. The factors of x^2-4 are:

(a) |x-2|, (x-2) (b) |x+2|, (x-2)

(c) |x-4|, |x-4| (d) |x+2|, |x+2|

The multiplicative inverse of 10-200 is 44...

(a) 10

 $(b)10^{-200}$

(c) 10²⁰⁰

(d) 200

Which of the following is a binomial? 5.

(a) $7 \times a + b$

(b) $6a^2 + 7b + 2c$

(c) $(4a) \times (3b) \times (2c)$ (d) $6(a^2+b)+3$

The standard form for 0,000064 is 65.

(a) 64 x 104

(b) 64×10^{-4}

(c) 6.4 x 10°

(d) 6.4 x 10°

7. Assertion (A) - The marked price of a book is Rs 100. The shopkeeper gives 25% discount on it. 75 is the sale price of the book

Reasons (R) -The price after the original price has been reduced by a discount is known as sale price.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A
- c) A is true but R is false
- d) A is false but R is true

ANSWER:A

Which of the following line is parallel to x-axis? 8.

(a) A line joining (4, 1) and (4, 2)

(b) A line joining (5, 1) and (5, 2)

(c) A line joining (3, 4) and (5, 4)

(d) A line joining (1, 2) and (3, 4)

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