

SECTION II
PHYSICS (MCQs: 15)
(Questions: 1-15)

Sample:

Choose the right answer

1. If the instant velocity does not change, the body is moving with a _____

- (A) Uniform Velocity
- (B) Variable Velocity
- (C) Initial Velocity
- (D) Non of these

SECTION III
MATHEMATICS (MCQs: 20)
(Questions: 1-20)

Sample:

Choose the right answer.

1. Find the gradient of the curve $y = 2x + 1/x$ at the point (1, 3)

- (A) -2 (B) -1 (C) 0 (D) 1 (E) 2

SECTION IV
CHEMISTRY (MCQs: 20)
(Questions: 1-20)

Sample:

Choose the right answer.

1. The principal quantum number defines the _____

- (A) Shape of orbital
- (B) Distance from the nucleus
- (C) Spin of the electron
- (D) Rotation of the orbital

PART-V

NUMBER/LETTER SERIES

Item: 15
Negative Marketing

DIRECTION: Study the series of numbers given below. Workout the pattern of each series and identify the next number in the series stated below, darken a suitable block, according to your choice:

Question Series

Answer Series

1.A F J M O

L P O M

The correct answer is B

2.Y V S P M

O D J F

The correct answer is C

3.3 9 15 21 27

33 43 39 41

The correct answer is A

PART-VI

GENERAL KNOWLEDGE

Items: 15
Negative Marking

Direction: Choose the correct answer:

1. The portrait of Mona Lisa is in an Art Gallery in:

- A) **Paris**
- B) Rome
- C) Copenhagen
- D) New York

2. Wimbledon is famous for:

- A) **Tennis**
- B) Soccer
- C) Swimming
- D) Hockey

3. Secretary General of UN is:

- A) Colin Powell
- B) **Ban ki Moon**
- C) Jaswant Singh
- D) Hilary Clinton

4. The World Trade Centre was attacked on:

- A) **September 11, 2001**
- B) October 7, 2001
- C) August 11, 2001
- D) October 17 2001

The darkened options are correct answers