



NTP

SAMPLE PAPER

for Class X

Time: 3 Hours

Maximum Marks: 225

**Please read the instructions carefully. You are allotted 5 minutes specifically for this purpose.
You are not allowed to leave the Examination Hall before the end of the test.**

INSTRUCTIONS

1. The question paper consists of **3 parts (Mental Ability, Science and Maths)**.
2. The test is of **3 hours** duration and consists of **75 questions**. Each question has 4 / 5 choices (A), (B), (C), (D) and (E), out of which **ONLY ONE** is correct.
3. Each question carries **3 marks**. For each correct response the candidate will get **3 marks**. For each incorrect response, **one mark** will be deducted.
4. Use **HB+ pencil** only for writing particles on the page / marking responses.
5. Rough work is to be done on the space provided for this purpose in the Test Booklet only.
6. **On completion of the test, the candidate must handover the Test Booklet & Answer Sheet to the invigilator in the Room/Hall.**
7. Use of Electronic /Manual Calculator is prohibited.

Name of the Candidate (in Capitals): _____

Father / Guardian Name (in Capitals): _____

Present Address: _____

Ph. No. (Guardian): _____

Ph. No. (Student): _____

Candidate's Signature: _____

Invigilator's Signature _____

Admission for : Ranchi Centre Patna Centre
(✓ relevant)

SECTION – I [MENTAL ABILITY]

Directions — Questions 1 to 5 are based on number series. In each question, a series of number is given, followed by a blank space with a question mark (?) on it. The number to fill in the blank is given as one of the alternatives among the five given under each question. Find the correct alternative in each case and indicate the correct answer.

1. 2 3 5 7 11 ? 17

- (a) 12 (b) 13 (c) 14 (d) 15
(e) 16

2. 5 11 17 ? 31 41

- (a) 19 (b) 21 (c) 23 (d) 25
(e) 27

3. 0 7 26 ? 124 215

- (a) 37 (b) 51 (c) 63 (d) 88
(e) 120

4. 1 1 8 ? 27 9 64

- (a) 4 (b) 6 (c) 9 (d) 16
(e) 25

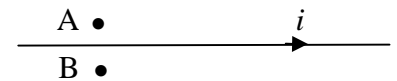
5. ak eo is ? qa ue

- (a) lv (b) mw (c) nx (d) lw
(e) mv

SECTION – II [SCIENCE]

6. An electric current passes through a straight wire. Magnetic compasses are placed at the points A and B:

- (a) Their needles will not deflect
(b) Only one of the needles will deflect
(c) Both the needles will deflect in the same direction
(d) The needles will deflect in the opposite directions.



7. To work properly, wind-electric generators need wind speeds of at least about :

- (a) 1.5 km/h (b) 15 km/h (c) 150 km/h (d) 1500 km/h

