

Group B
(Arithmetic)

Time Allowed — 25 Min.

Full Marks — 25

Answers may be given in English or in Bengali but all the answers must be in one and the same language.

Answer any five questions.

- D3.** 01. In the examination Raushan got 25% marks and failed by 64 marks. If he had got 40% marks he would have secured 32 marks more than the pass marks. Find the maximum marks in the examination.
02. The sides of three cubes of metal are 30 cm, 40 cm and 50 cm, respectively. Find the side of new cube formed by melting these cubes together.
03. The total population of a town is 2800 where number of males is 720 more than that of females. If the number of males reduces by 40% and that of females increases by 20%, then find the new population of town.
04. A photographer allows a discount of 10% on the advertised price of a camera. The price that must be marked on the camera, which cost him ₹600, to make a profit of 20%, would be
05. A thief is spotted by a watchman from a distance of 200 m. When the watchman starts the chase, the thief also starts running. If the speed of the thief is 10 km/hr. and that of the watchman is 12km/hr. how far would the thief run before he is nabbed by the watchman?
06. Average height of 21 boys was 148 cm. The average gets increased by 1 cm when teacher's height is added. What was the teacher's height?
07. What is the greatest number of 3 digits which when divided by 6, 9, 12 leaves a remainder 3 in each case?



Miscellaneous Mains 2024
(Writing Batch)

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