



# ST. ANTHONY'S COLLEGE SHILLONG

## ENTRANCE TEST FOR ADMISSION INTO UNDER GRADUATE PROFESSIONAL COURSES **2012**

### **BUSINESS ADMINISTRATION**

DATE : THURSDAY, 26<sup>TH</sup> APRIL, 2012

TIME : 12:00 Noon – 1:30 PM

#### INSTRUCTIONS

- This test has **NO NEGATIVE** marking.
- There are **three parts** in this test.
- All steps/ answers are to be shown in the space provided for each question.
- **Part A** has 12 questions. Each correct answer carries a weightage of 4 marks.
- **Part B** has 13 questions. Each correct answer carries a weightage of 2 marks.
- **Part C** is fully descriptive and requires you to compulsorily answer. It will be graded differently on the basis of your reasoning and writing ability.
- Write your **Test Roll Number** given on your **Admit Card** in the space specified below.
- **Please preserve your Admit Card.** It will be required at the time of admission.
- The Test Roll Numbers of those shortlisted for admission on the basis of this Entrance Test will be published on the College Notice Boards as well as on the College Web Site by **Saturday, 28<sup>th</sup> April 2012.**
- The final admission will be done on a first come, first served basis, after the marksheets of the Class XII examinations of the Meghalaya Board of School Education are available, provided the eligibility criteria as laid down in the prospectus are fulfilled. Shortlisted students from other boards and streams whose Class XII results are declared later will also be considered for admission provided they report **not later than 2 days** after the result declaration of their respective board examinations along with their marksheets (Original or Downloaded).

TEST ROLL NO. \_\_\_\_\_

Invigilator's signature: \_\_\_\_\_





8. A train is moving at a constant speed of 120 kmph for 1 kilometre and at 40 kmph for the next kilometre. What is the average speed of the train?
9. If  $2^{2x-1} = \frac{1}{8^{x-3}}$ , then find the value of  $x$ .
10. A hall 544 feet long and 374 feet wide is to be covered with square tiles. How many tiles will be required to cover the floor?
11. The perimeter of a circle is equal to that of a square. What is the ratio of their areas?

12. A ladder is placed to reach a window 40ft high. The ladder is then turned round to the opposite side of the street and is found to reach a point 30ft high. If the ladder is 50ft long, what is the width of the street?

**Part B :: Analytical and logical reasoning**  
**[Marks 26]**

***Read the following passage for answering questions 13 – 17:***

A, B, C and D are four friends living together in a flat. They agree that they will share whatever food they get, equally among themselves. A's uncle came to visit and gave him a box of chocolates. Since no one was around, A divided the chocolates into 4 equal parts and ate his share after putting the rest back in the box. As he was closing the box, B came in and opened the box, divided the contents into four equal parts. A and B ate one part each and kept the remainder back in the box. Suddenly C appeared, saw the box of chocolates, divided it into four equal parts, then A, B and C each had their part and kept the remaining back into the box. When D came in later in the evening, saw the box, he divided into four equal parts and A, B, C and D each ate their part. D ate a total of 3 chocolates.

**[work out the reasoning to the problem in the space provided below]**

13. How many chocolates did C ate?

14. How many chocolates did B eat?
15. How many chocolates did A eat?
16. How many chocolates were there in the box when A received it the first time from his uncle?
17. How many chocolates did A eat for the first time?

**Read the following passage for answering questions 18 – 20:**

Five courses A, B, C, D and E, each of one month duration are to be taught from January to May 2012, one after the other, though not necessarily in the same order by the instructors P, Q, R, S and T. P teaches course 'B' but not in the month of April or May. Q teaches course 'A' in the month of March. R teaches in the month January but does not teach course 'C' or 'D'.

**[work out the reasoning to the problem in the space provided below]**

18. Which course is taught by S?
19. Which instructor teaches immediately after the completion of course 'B'?
20. Which course is taught in the month of January?

**Read the following passage for answering questions 21 – 25:**

A, B, C, D, E, F and G are travelling in three different cars. There are at least two passengers in each vehicle – Maruti, Santro and opel – and only one of them is a male. There are two engineers, two doctors and three teachers among them.

- C is a lady doctor and she does not travel with the pair of sisters, A and F.
- B, a male engineer, travels only with G, a teacher, in a Maruti.
- D is a male doctor.
- Two persons belonging to the same profession do not travel in the same vehicle.
- A is not an engineer and travels in a Santro.

**[work out the reasoning to the problem in the space provided below]**

21. What is the profession of F?
22. In which vehicle does C travel?
23. Who represents the teacher in the group of 7 people?
24. How many lady members are there in the group?
25. What is the gender and profession of E?

**Part C :: Descriptive**  
**This Part is compulsory**

26. Write, choosing **any one** of the following topics: [Not more than 300 words]
- You reap what you sow
  - It doesn't matter how you do it, as long as you get the desired results
  - What success means to me...