

# ST. ANTHONY'S COLLEGE, SHILLONG

## ENTRANCE TEST FOR ADMISSION INTO GRADUATE PROFESSIONAL COURSES 2006

### BUSINESS ADMINISTRATION (Part A)

DATE : 9 June 2006  
TIME : 10.30 – 12.00 noon  
DURATION : 1 hour 30 minutes

#### INSTRUCTIONS

- ◆ There are **two parts** in this Test. Part A consists of 25 multiple choice questions distributed across 2 Sections. It is to be answered on the answer sheet provided. Part B consists of 23 questions. It is to be answered on the question paper itself.
- ◆ For Part A, each correct answer carries 1 point and for each wrong answer you lose .25 of a point. For Part B, each correct answer carries two points. There is no negative marking for Part B
- ◆ Make sure that you have entered the hall ticket number and subject properly in the place provided in the answer sheet. Enter only the hall ticket number of Business Administration.
- ◆ Your success in this test depends on your ability to manage your time and to choose intelligently. Do not waste time on questions you are not very confident about. You can go back to these questions towards the end.
- ◆ Don't guess wildly. It may work to your disadvantage. However, you can make intelligent guesses.
- ◆ The required rough work may be done on the sheet that is provided for the purpose.
- ◆ Please preserve your hall tickets. They will be required at the time of admission.
- ◆ The hall ticket numbers of those shortlisted for admission on the basis of the entrance test will be published on the college notice boards on 10 June, 2006. Please make sure you satisfy the eligibility criteria as laid down in the prospectus.

## PART A

### Section – I Comprehension And English Usage

**Directions for question 1 - 5 : Read the following passage carefully and answer the questions by referring to it.**

#### PASSAGE

Leisure is not so much a specific activity as a state of mind. As such it can be experienced while lying on the beach, while working, while vigorously exercising. It describes a person's attitude towards what he or she is doing and the quality of the time spent doing it. The advantage of such a broad and unspecific definition is seen when two people take the 24 hours in a day and try to subtract from them periods they do not consider to be leisure, such as working, sleeping and eating- no two people are found to agree fully what should be taken out and what should be in.

Howsoever defined, leisure is certainly important both in the life of the individual and for the society of which he is a part. For the individual it may provide relaxation from daily pressures and routines, creative experience such as education or voluntary work that helps to liberate and develop the personality or entrainment as an antidote to boredom or drudgery. This last statement is reflected in the fact that many employers provide leisure facilities such as football pitches, piped music, games rooms and holiday centers, because they believe that these will produce fitter and happier workers. Equally, in many countries government agencies provide facilities for certain types of leisure for the "good" of people generally.

- 1) Leisure is
  - a) A state of mind
  - b) A specific activity
  - c) An experience
  - d) A person's attitude
- 2) A broad definition for leisure holds good due to
  - a) the agreement between different activities
  - b) the agreement between people about what should be taken out and what should be in, in the 24 hours a day.
  - c) The disagreement between people about what should be taken out and what should be in, in the 24 hours a day.
  - d) The way in which out time is spent.
- 3) Leisure provides
  - a) relaxation
  - b) pressures
  - c) education
  - d) work
- 4) Many employers provide leisure facilities to their employees with a view
  - a) to give them rest
  - b) to produce efficient workers
  - c) to have happy workers
  - d) to have good workers
- 5) Leisure is essential
  - a) for everyone
  - b) for both the individual and the society
  - c) for all
  - d) for developing a person's attitude.

**Directions for questions 6 – 8 : In each sentence given below there is a blank space. Below each sentence four words, marked (a), (b), (c) and (d) are given. Out of these words, choose the most appropriate word to fill in the blank.**

- 6) You are trying to drag me \_\_\_\_\_ a controversy.
  - a) in
  - b) into
  - c) from
  - d) for
- 7) The world is disgusted \_\_\_\_\_ frequent display of violent behaviour.
  - a) of
  - b) from
  - c) in
  - d) with
- 8) We should stick to our words, otherwise people will mock \_\_\_\_\_ us.
  - a) on
  - b) at
  - c) upon
  - d) over

**Directions for questions 9 – 11 : Below are given idioms followed by four alternative meanings marked (a), (b), (c) and (d). Chose the one which you think is the most appropriate.**

- 9) To be at sixes and sevens  
 a) to be undecided  
 b) to be a great success  
 c) to be certain  
 d) to give away generously
- 10) Crocodile tears  
 a) hypocritical tears  
 b) to sincerely use something  
 c) to get hysterical  
 d) tears caused due to presence of ammonia in something
- 11) To bury the hatchet  
 a) to have found a treasure  
 b) to make peace  
 c) to purchase something without discretion  
 d) to act in a suspicious manner

**Directions for questions 12 - 15: In the following question, each pair or CAPITALISED words has a certain relationship. Following the CAPITALISED words are other pairs of words. Select the correct pair wherein the words are related in the same way as the CAPITALISED pair given in each question.**

- 12) LAWYER : COURT  
 a) businessman : market  
 b) chemist : laboratory  
 c) labourer : factory  
 d) athlete : olympics
- 13) TREES : FOREST  
 a) sheath : sword  
 b) mobile : stationary  
 c) grass : lawn  
 d) hunter : prey
- 14) COFFEE : CAFFEINE  
 a) grape : wine  
 b) tobacco : nicotine  
 c) sugarcane : sugar  
 d) wood : tree
- 15) DISTANCE : MILE  
 a) liquid : litre  
 b) bushel : corn  
 c) weight : scale  
 d) fame : television

**SECTION II : Data Interpretation and sufficiency**

**Directions for questions 16 - 20 : The following table shows the courier charges (in Rs.) for sending a parcel weighing 500 gms from one city to another. Answer these questions by referring to this table.**

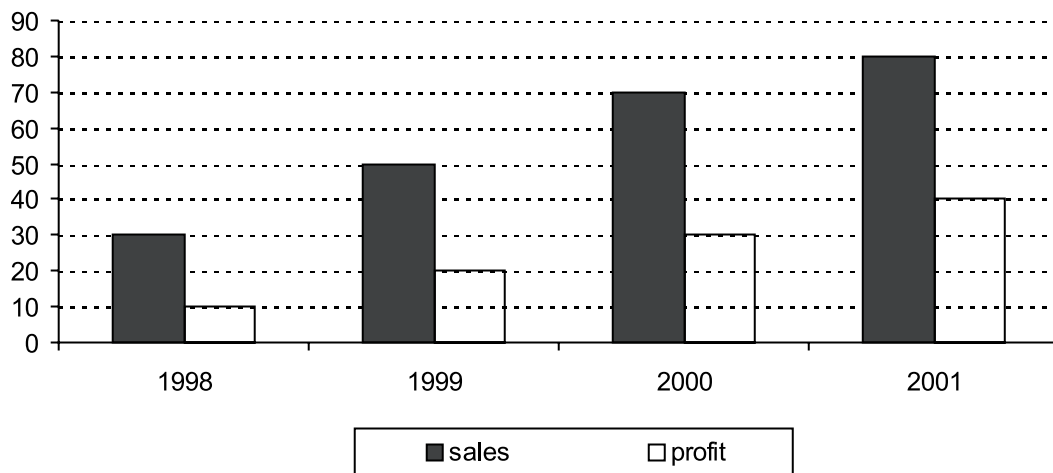
**Courier charges for sending parcels**

Cities	Allahabad	Mumbai	Kolkata	Delhi	Lucknow
Allahabad	-	10	5	15	10
Mumbai	10	-	7	25	10
Kolkata	5	7	-	20	15
Delhi	15	25	20	-	10
Lucknow	10	20	15	10	-

- 16) Among the following, the charges will be least for sending a parcel from  
 a) Allahabad to Lucknow  
 b) Mumbai to Delhi  
 c) Lucknow to Delhi  
 d) Kolkata to Mumbai
- 17) For sending a parcel from Kolkata, the least charges will be for  
 a) Allahabad  
 b) Mumbai  
 c) Delhi  
 d) Lucknow

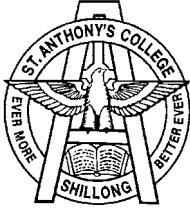
- 18) If the cost per 500 gms is assumed to be directly proportional to the distance between the cities, then it can be inferred that Mumbai is farthest from:  
 a) Allahabad  
 b) Kolkata  
 c) Delhi  
 d) Lucknow
- 19) The cost of sending a parcel from Mumbai to Allahabad and then from Allahabad to Lucknow varies from the cost of directly sending a parcel from Mumbai to Lucknow by:  
 a) Rs. 10  
 b) Rs. 5  
 c) No Variance  
 d) Rs. 20
- 20) Which of the following routes of sending a 500 gms parcel, will have no extra cost even if the parcel had been sent directly from the origin city to the destination city?  
 a) Mumbai-Allahabad-Delhi  
 b) Mumbai-Allahabad-Lucknow  
 c) Kolkata-Allahabad-Lucknow  
 d) All of these

**Directions for questions 21 - 25 : Study the graph below and answer the questions that follow by choosing the closest answer.**



- 21) The year in which the gross profit is half of the sales is:  
 a) 1999  
 b) 1998  
 c) 2001  
 d) 2000
- 22) The ratio of the gross profit to sales for the entire period is:  
 a) 10 : 23  
 b) 9 : 21  
 c) 5 : 12  
 d) 4 : 9
- 23) What is the average gross profit as a percentage of sales for the entire period?  
 a) 46%  
 b) 43%  
 c) 39%  
 d) None of these
- 24) Average annual growth of sales is:  
 a) More than Rs. 13 crore  
 b) Less than Rs. 10 crore  
 c) Exactly Rs. 12.5 crore  
 d) Exactly Rs. 10.5 crore
- 25) The year in which the increase in gross profit is greater than that in sales is:  
 a) 1999  
 b) 2000  
 c) 2001  
 d) None of these

HALL TICKET NO:



# **ST. ANTHONY'S COLLEGE, SHILLONG**

**ENTRANCE TEST FOR ADMISSION INTO  
GRADUATE PROFESSIONAL COURSES  
2006**

## **BUSINESS ADMINISTRATION (Part B)**

### **INSTRUCTIONS**

- This is Part B of the test. It is divided into 3 sections and consists of 23 questions. Question 23 is compulsory. There is no negative marking for this part.
- This part of the test is to be answered on the question paper itself.
- The required rough work may be done on the sheet that is provided for the purpose.
- Make sure that you have entered the hall ticket number properly in the place provided above. Enter only the hall ticket number of Business Administration.

**PART B**

**SECTION – I : Quantitative**

**Directions for questions 1 – 12 : Answer the following questions by placing a cross against the correct answer in the box provided. While answering each question, it is compulsory to show, in the space provided for each question, the method utilized to obtain the correct answer.**

- 1) Suresh Raina has a certain average for 9 innings. In the tenth inning, he scores 100 runs, thereby increasing his average by 8 runs. His new average is
- |            |                          |            |                          |
|------------|--------------------------|------------|--------------------------|
| a) 20 runs | <input type="checkbox"/> | b) 24 runs | <input type="checkbox"/> |
| c) 28 runs | <input type="checkbox"/> | d) 32 runs | <input type="checkbox"/> |
- 2) In a market survey, 20% opted for product A whereas 60% opted for product B. The remaining individuals were not certain. If the difference between these who opted for product B and those who were uncertain was 720, how many individuals were covered in the survey?
- |         |                          |         |                          |
|---------|--------------------------|---------|--------------------------|
| a) 3600 | <input type="checkbox"/> | b) 1440 | <input type="checkbox"/> |
| c) 1800 | <input type="checkbox"/> | d) None | <input type="checkbox"/> |
- 3) Anil bought a TV with 20% discount on the labeled price. Had he bought it with 25% discount, he would have saved Rs. 500. At what price did he buy the TV?
- |               |                          |               |                          |
|---------------|--------------------------|---------------|--------------------------|
| a) Rs. 16,000 | <input type="checkbox"/> | b) Rs. 12,000 | <input type="checkbox"/> |
| c) Rs. 10,000 | <input type="checkbox"/> | d) Rs. 5,000  | <input type="checkbox"/> |
- 4) There are 240 doctors and nurses in NEIGRIMHS hospital. If the ratio of doctors to nurses is 5:7, how many nurses are at the hospital?
- |        |                          |        |                          |
|--------|--------------------------|--------|--------------------------|
| a) 20  | <input type="checkbox"/> | b) 140 | <input type="checkbox"/> |
| c) 100 | <input type="checkbox"/> | d) 145 | <input type="checkbox"/> |

5) If a heavy load trailer traveled 7 miles in one hour and 10 minutes, what was its speed in miles per hour?

- a) 6
- c) 8

- b) 6.5
- d) 8.5

6) If  $y$  is an odd integer which of the following must be an even integer?

- a)  $y+2$
- c)  $3y$

- b)  $y+6$
- d)  $3y+1$

7) Of the 65 cars parked in Police Bazar car parking lot, 45 have air conditioning, 30 have power windows and 12 have both air conditioning and power windows. How many of the cars on the lot have neither air conditioning nor power windows?

- a) 2
- c) 10

- b) 8
- d) 15

8) Find  $x^2 + y^2$  if  $x - y = 5$ ,  $xy = 66$

- a) 147
- c) 157

- b) 156
- d) 159

9) A sum of Rs 350 is lend for 4 years at 3 % p.a. find the simple interest and the amount.

a) 22 & 372

b) 32 & 382

c) 42 & 392

d) 52 & 402

10) Typist A can type a sheet in 5 minutes, typist B in 6 minutes and typist C in 8 minutes. What is the average number of sheets type per hour per typist.

a) 9

b) 9.83

c) 10

d) 10.83

11) Two pipes can fill a cistern in 10 and 12 hours respectively. A third pipe can empty the cistern in 15 hours. If all of the three pipes are open simultaneously how much time will they take to completely fill the cistern?

a)  $8 \frac{4}{7}$  hours

b)  $4 \frac{3}{7}$  hours

c)  $7 \frac{4}{8}$  hours

d)  $4 \frac{7}{8}$  hours

12) In a zoo, there are rabbits and pigeons. If their heads are counted, there are 90 while their legs are 224. find the number of pigeons in the zoo.

a) 70

b) 68

c) 72

d) 22

## SECTION – II : Logic and Analytical Reasoning

**Direction for questions 13 – 17 : Answer these questions after analysing the given data. Place a cross against the correct answer in the box provided. Show your reasoning in the space provided below.**

- ♦ Six friends, A, B, C, D, E & F work in different companies namely – Pentasoft, Quark, Arenty, Sunmet, OneCell, and Agfa and each wears a company sponsored different coloured shirts, viz. Blue, Green, Pink, Yellow, Purple and Red, though not necessarily in the same order.
- ♦ The one wearing the Blue shirt works in Sunmet and the one wearing a Green shirt works in Pentasoft.
- ♦ F does not work in Arenty or OneCell
- ♦ A wears Pink shirt and works in Quark.
- ♦ D does not work in OneCell and purple coloured shirts is not sponsored by Arenty.
- ♦ E works in Agfa and neither D nor B work in Sunmet.
- ♦ OneCell does not sponsor Purple or Yellow coloured shirts and C works in Pentasoft.

- 13) Which colour shirt is sponsored by Arenty?
- |                                    |  |
|------------------------------------|--|
| a) Yellow <input type="checkbox"/> | b) Blue <input type="checkbox"/>                 |
| c) Pink <input type="checkbox"/>   | d) Cannot be determined <input type="checkbox"/> |
- 14) Which of the following is a correct match?
- |  |   |
|--|---|
| a) Red – Arenty – A <input type="checkbox"/>   | b) Red – OneCell – B <input type="checkbox"/> |
| c) Green – Arenty – C <input type="checkbox"/> | d) None of these <input type="checkbox"/>     |
- 15) Which of the following is true?
- |  |   |
|--|---|
| a) Agfa sponsors Green Shirts <input type="checkbox"/> | b) D is working in OneCell <input type="checkbox"/>           |
| c) E wears Red shirt <input type="checkbox"/>          | d) Red shirt is sponsored by OneCell <input type="checkbox"/> |
- 16) What is the sequence of companies representing A, B, C, D, E & F?
- |   |  |
|---|--|
| a) Quark, Pentasoft, OneCell, Arenty, Agfa, Sunmet <input type="checkbox"/> |  |
| b) Quark, OneCell, Pentasoft, Arenty, Agfa, Sunmet <input type="checkbox"/> |  |
| c) Quark, Pentasoft, OneCell, Sunmet, Agfa, Arenty <input type="checkbox"/> |  |
| d) None of these <input type="checkbox"/>                                   |  |
- 17) If Arenty and Sunmet decide to interchange the colours of sponsored shirts, then which two persons would have to interchange their shirts?
- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| a) D & F <input type="checkbox"/> | b) A & C <input type="checkbox"/> |
| c) D & E <input type="checkbox"/> | d) B & D <input type="checkbox"/> |

**Direction for questions 18 – 22 : Answer these questions after analysing the given data. Place a cross against the correct answer in the box provided. Show your reasoning in the space provided below.**

Six people- Anita, Biren, Chirag, Divya, Eric, and Feroze compete in a race.

About the result of the race, the following is known:

- ◆ Divya finished third.
- ◆ Anita did not finish last.
- ◆ Biren finished either just before Eric or just after Eric.
- ◆ There were no ties.

18) Which of the following is a possible order of the competitors at the finish, from first to last?

- |   |                          |
|---|--------------------------|
| a) Anita, Divya, Eric, Biren, Feroze, Chirag. | <input type="checkbox"/> |
| b) Eric, Biren, Divya, Chirag, Feroze, Anita. | <input type="checkbox"/> |
| c) Biren, Eric, Divya, Feroze, Anita, Chirag. | <input type="checkbox"/> |
| d) Anita, Biren, Divya, Eric, Chirag, Feroze. | <input type="checkbox"/> |

19) If Feroze finishes before Anita but after Divya, which of the following must be true?

- |  |                          |
|--|--------------------------|
| a) Chirag must finish either fourth or sixth.  | <input type="checkbox"/> |
| b) Eric must finish either first or second.    | <input type="checkbox"/> |
| c) Biren must finish either first or third.    | <input type="checkbox"/> |
| d) Feroze must finish either second or fourth. | <input type="checkbox"/> |

20) If Divya finishes before Eric, which of the following must be false?

- |                          |                          |                            |                          |
|--------------------------|--------------------------|----------------------------|--------------------------|
| a) Anita finishes fifth. | <input type="checkbox"/> | b) Chirag finishes second. | <input type="checkbox"/> |
| c) Biren finishes fifth. | <input type="checkbox"/> | d) Feroze finishes second. | <input type="checkbox"/> |

21) Which of the following is a complete list of people who could finish second?

- |                               |                          |  |                          |
|-------------------------------|--------------------------|--|--------------------------|
| a) Biren, Feroze              | <input type="checkbox"/> | b) Biren, Feroze, Anita.               | <input type="checkbox"/> |
| c) Biren, Feroze, Anita, Eric | <input type="checkbox"/> | d) Biren, Feroze, Anita, Eric, Chirag. | <input type="checkbox"/> |

22) If Biren finishes first, which of the following could be true?

- |   |                          |  |                          |
|---|--------------------------|--|--------------------------|
| a) Chirag finishes before Eric and Divya. | <input type="checkbox"/> | b) Anita finishes before Feroze.         | <input type="checkbox"/> |
| c) Feroze and Eric finish before Anita.   | <input type="checkbox"/> | d) Eric finishes before Biren and Divya. | <input type="checkbox"/> |

### **Section III : Descriptive**

23. Why do you want to take a degree in Business Administration? (Write in about 150 words).