ST. ANTHONY'S COLLEGE SHILLONG

ENTRANCE TEST FOR ADMISSION INTO UNDER GRADUATE PROFESSIONAL COURSES
2011
BUSINESS ADMINISTRATION

DATE :   THURSDAY, 5TH MAY, 2011
TIME :   12:00 Noon – 1:30 PM
DURATION: 1 HOUR 30 MINUTES

INSTRUCTIONS

- This test has five sections.
- **Section I** has 28 questions. It is to be answered on the **Answer Sheet** by darkening the correct answer as shown. Each question carries 1 mark with a negative of 0.25 for every wrong answer.

	a	b	c	d
1	☐	☐	☐	■

- **Section II** has 17 questions. Each question is to be answered in the respective space provided. There is **NO NEGATIVE MARKING** for Section II. Each question carries 2 marks.
- **Section III** has 10 questions. Each question is to be answered in the respective space provided. There is **NO NEGATIVE MARKING** for Section III. Each question carries 2 marks.
- **Section IV** has 4 questions. Each question is to be answered in the respective space provided. There is **NO NEGATIVE MARKING** for Section III. Each question carries 2 marks.
- **Section V** is to be compulsorily answered. There is **NO NEGATIVE MARKING** for this question. This question is worth 10 marks.
- Write the **Test Roll Number** given on your **Admit Card** in the **Answer Sheet** as well as on the space provided below.
- **Please preserve your Admit Card**. It will be required at the time of admission.
- The 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 evening today, the 5th May, 2011.
- 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: _____

SECTION I : ENGLISH USAGE
All answers to **Section I** are to be **marked in the Answer Sheet** provided

Direction for question 1-3: Choose the word which is nearest in meaning to the given word.
1.   Aid
        a. Health   b) Help   c) Support   d) Freedom
2.   Sorely
        a. Happily   b) Painfully   c) Gainfully   d) Greatly
3.   Torn
        a. Conflicted b) Alarmed   c) Frightened d) Strained

Direction for question 4-6: In each question below, the word given at the top is used in four different ways, numbered a to d. Choose the option in which the usage of the word is incorrect or inappropriate.
4.   PASSING
        a. She did not have passing marks in English.
        b. The mad woman cursed everybody passing her on the road.
        c. At the party, all the children enjoyed a game of passing the parcel.
        d. A passing taxi was stopped to rush the accident victims to the hospital.
5.   BOLT
        a. When he heard the dog barking, he made a bolt for the gate.
        b. Could you please bolt the door?
        c. The shopkeeper showed us a bolt of fine silk.
        d. The thief was arrested before he could bolt from the scene of the crime.
6.   FALLOUT
        a. Japan suffered from the fallout of nuclear radiation.
        b. People believed that the political fallout of the scandal would be significant.
        c. Who can predict the environmental fallout of the WTO agreements/
        d. The teacher could not understand the fallout of several students at the public examination.

Direction for question 7-10: Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence .The letter of that part is the answer.
7.   Removing seeds from / cotton plants was / a slowest job until / Eli –Whitney invented the
            (a)   (b)   (c)   (d)
        cotton gin.

8.   India is a land of / great political leaders / who ruled the country effectively/ and also by
            (a)   (b)   (c)   (d)
        protecting its national interest

9.   The climbers will try again / to reach the summit of the mountain, /their chances of doing so
            (a)   (b)   (c)
        /are more better than they were last week
            (d)

10.   Most birds sings / only in daylight, /one notable exception /being the nightingale.
            (a)   (b)   (c)   (d)

Direction for question 11-12: Which of the phrases (a) (b) (c) and (d) given below each sentence should replace the phrase underlined in the sentence to make it grammatically correct?
11.   The ship was in <u>mercy of</u> the waves.
        a. to be in mercy of   b. at the mercy of
        c. having mercy on   d. merciful to
12.   <u>So successful her business to be</u>, that Marie was able to retire at the age of 50.
        a. So successful her business was   b. So successful being her business
        c. Her business was so successful   d. So was her successful

Direction for question 13-19: Fill in the blanks by using the idioms/ phrases provided among the four alternatives:
13.   On a dark night, Ramesh …………. passing by a dry well.
        a. wasn't   b. happened to be   c. discovered in   d. found to
14.   Nordisk has recently ………. a product called Glucometer.
        a. started   b. commissioned   c. launched   d. begun
15.   I had already published a novel and it was an unexpected success. I thought my ………
        a. days were up   b. chances were good
        c. ladyluck was happy   d. fortune was made

16. The fireman grabbed the boy and rolled him on the road to ……. the flames.
    a. smother   b. kill   c. burnout   d. fizz out
17. Sam asked me to keep his secret …………
    a. secret   b. in myself   c. amongst us   d. between us
18. Sometimes the greatest inventions …………… an idea of starting simplicity.
    a. stumbles upon   b. hinge upon
    c. starves without   d. lacks
19. Real friends, genuinely wanting the best for the organization, ……… different garbs.
    a. come in   b. clad in   c. dressed in   d. clothed in

Direction for question 20-25: Fill in the blanks of the following sentences using the most appropriate word or words from amongst the options given for each:
20. Football evokes a ……… response in India compared to cricket, that almost …… the nation.
    a. tepid…boiling   b. lukewarm…electrifies
    c. turbid…fascinating   d. apocryphal…genuinely fascinates
21. Social studies, science matters of health and safety, the very atmosphere of the classroom, these are a few of the ………. for the ……. of proper emotional reactions.
    a. things…growth   b. fertile areas…basis
    c. fertile fields…inculcation   d. important areas…formation
22. When children become more experienced with words as visual symbols, they find that they can gain meaning without making ……. sounds.
    a. aural   b. audible   c. vocal   d. intelligible
23. Learning is more efficient when it is ……. It is less efficient when it is ………
    a. fast … slow   b. rapid … turtle slow
    c. tedious … like a joy ride   d. fun … drudgery
24. Though one eye is kept firmly on the…. the company now also promotes … contemporary art.
    a. present … experimental   b. future … popular
    c. present … popular   d. market … popular
25. In these bleak and depressing times of ….. prices, non-performing governments and ….. crime rates, sporting achievements has given us Indians a lot to cheer about.
    a. escalating … increasing   b. spiraling … booming
    c. spiraling … soaring   d. ascending … debilitating

Direction for question 26-28: Read each of the following short passages given below and answer the question that follow it.

Three airlines IA, SA, JA operate on the Mumbai-Delhi route. To increase the number of seats sold, SA reduced its fares and this was emulated by IA and JA immediately. The general belief was that the volume of air travel between Mumbai and Delhi would increase as a result.
26. Which of the following, if true, would add credence to the general belief?
    a. Increase in profitability of the three airlines
    b. Extension of the discount scheme to other routes
    c. A study that shows that air travelers in India are price-conscious
    d. A study that shows that as mush as 80% of air travel in India is company sponsored.

Cigarettes constitute a mere 20% of tobacco consumption in India, and fewer than 15% of the 200 million tobacco users consume cigarettes. Yet these 15% contribute nearly 90% of tax revenues to the exchequer from the tobacco sector. The punitive cigarette taxation regime has kept the base narrow and reducing taxes will expand this base.
27. Which of the following best supports the conclusion that reducing duties will expand the tax base?
    a. The cigarette manufacturers association has decided to indulge in aggressive promotion
    b. There is likelihood that tobacco consumers will shift to cigarette smoking if cigarette prices were to reduce.
    c. The cigarette manufacturers are lobbying for a reduction on duties.
    d. An increase on duties on non-cigarette tobacco may lead to a shift in favour of cigarette smoking.

Thomas Malthus, the British clergyman turned economist predicted that the planet would not be able to support the human population for long. His explanation was the human population grows at a geometric rate while the food supply grows only at an arithmetic rate.
28. Which one of the following, if true, would not undermine the thesis offered by Malthus?
    a. Population growth can be slowed down by the voluntary choices of individuals and not just by natural disasters.
    b. The capacity of the planet to feed a growing human population can be enhanced through biotechnological means.
    c. Human systems, and natural systems like food supply, follow natural laws of growth which have remained constant, and will remain unchanged.
    d. Human beings can colonise other planetary systems on a regular and ongoing basis to accommodate a growing population.

SECTION II : QUA NTITATIVE AND NUMERICAL ABILITY
All **answers** to **Section II** are to be **answered in the space provided** below each question.

29.   The average age of a committee of 8 members is 40 years. A member, aged 55 years, retired and was replaced by another who is aged 39 years. The average age of the present committee is:

30.   The difference between two positive numbers is 10 and the ratio between them is 5:3. Find the product of the two numbers.

31.   If 25% of a number is 75, then 45% of that number is:

32.   A cow and a calf costs `2000 and `1400 respectively. If the price of the cow and the calf is increased by 20% and 30% respectively, then the price of 1 dozen cows and 2 dozen calves is:

33.   By a selling a shirt for `495, a shopkeeper incurs a loss of 10%. Find the cost price of the shirt for the shopkeeper.

34.   A dozen pair of socks quoted at `80 are available at a discount of 10%. How many pairs of socks can be bought for `24?

35. A certain amount is deposited in the bank. If the bank is giving 12% simple interest, then calculate in how many years will the amount become three times the principal?

36. What is the rate of interest per annum, that `10,000 will amount to `17280 in three years, [compound interest being reckoned]?

37. Divide `6000 into two parts such that simple interest on the first part for 2 years at 6% p.a. may be equal to the simple interest on the second part for years at 8% p.a. Find out the two parts.

38. Tommy can complete 25% of the total work in 5 days. How many days will he take to complete a work which is 10 times bigger?

39. Pipe A and B running together can fill a tank in 6 minutes. If pipe B takes 5 minutes more than pipe A to fill the tank, then the time in which A and B will fill the tank separately will be respectively?

40. Tom and Jerry travel the same distance at the rate of 6 km per hour and 10 km per hour respectively. If Tom takes 30 minutes longer than jerry, the distance traveled by each is:

41. X and Y are two stations located 600 km apart. A train starts from X and moves towards Y at the rate of 25 kmph. At the same time, another train starts from Y moving towards X at the rate of 35 kmph. How far from X will the two trains meet?

42. Find the value of x if $\left(\dfrac{a}{b}\right)^{3x-5} = \left(\dfrac{b}{a}\right)^{x+3}$

43. A hall 20m long and 15m broad is surrounded by a verandah of uniform width of 2.5m. The cost of tiling the verandah at Rs.50 per square metre, is:

44. If the area of a triangle is 150 sq.m and the ratio of base : height is 3 : 4, what is the height of the triangle?

45. A ladder is placed to reach a window 63 ft high. The ladder is then turned round to the opposite side of the street and is found to reach a point 56 ft high. If the ladder is 65 ft long, the width of the street is:

SECTION III : ANALYTICAL AND LOGICAL APTITUDE
All **answers** to **Section III** are to be **answered in the space provided** below each question.

46.   After walking 6 km, I turned right and covered a distance of 2 km, then I turned left again and covered a distance of 5 km. At this point. I made a 90^0 turn to my right and journeyed for 7 km and found that I was moving towards the east. In which direction did I begin my journey?

47.   A child is looking for his father. He went for 90m to the east before turning to his right. He went 20m before turning to his right again to look for his father in his uncle's place which is 30m from this point. His father was not there. From there he went 100m to the north before meeting his father in the street. How far did the son meet the father from the starting point.

Direction for question 48-50: Read the following information and answer the questions following it:
        Maxine is very fond of collecting greeting cards. She has a collection of 211 greeting cards with a good mix of birthday cards, New Year cards, friendship cards, Christmas cards and even a marriage anniversary card. The number of birthday cards is equal to the sum of all the other cards except the marriage anniversary card. The number of New Year cards is double of friendship cards which in turn is double of Christmas cards.

48.   The number of birthday cards in the collection is:

49.   The number of friendship cards is:

50.   The ratio of birthday cards to Christmas cards is:

Direction for question 51-53: Read the following information and answer the questions following it:
        All six members of a family comprising P, Q, R, S, T and U are traveling together on a train journey. Q is the son of R but R is not the mother of Q. P and R are a married couple. T is the brother of R. S is the daughter of P. U is the brother of Q.

51.   How many male members are there in this group?

52.   How many children does P have?

53.   How is U related to S?

*Direction for question 54-55 :*Read the following information and answer the questions following it:
        Six friends A, B, C, D, E and F are siding along the sides of a hexagonal table for playing a game., though not necessarily in that order. F who is sitting exactly opposite A, is to the immediate right of B. D sits between A and B and is exactly opposite C.

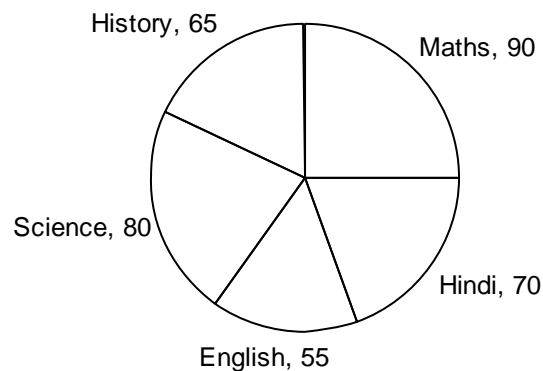54.   Who are the friends sitting on the left and right of A?

55.   Who is sitting on the opposite of B?

SECTION IV : DATA INTERPRETATION
All **answers** to **Section IV** are to be **answered in the space provided** below each question.

Direction for question 56-59: Read the following information and answer the questions following it:
The pie-chart gives the marks [expressed in degrees, for e.g. 70 is 70^0] obtained by a student in different subjects – English, Hindi, Mathematics, Science and History. Assume that the total marks obtained by the student in the examination is 540.

56.   Marks scored by the student in Hindi and mathematics exceed the marks scored in English and History by:

57.   The subject in which the student scored 105 marks is:

58.   The marks obtained in Mathematics are what percentage of the total marks?

59.   The marks scored by the student in Science is:

SECTION V: DESCRIPTIVE
This Section is Compulsory

60.   In a few lines, write about a person that you admire the most with supporting reasons.