



Kathmandu College of Management
Bachelor of Business Administration

BBA ENTRANCE TEST (WRITTEN) 2015

MODEL QUESTIONS

SECTION A : ENGLISH

Full Marks: 50

Duration: 1 Hour

1. Read the text and circle the most correct answer. **(8 marks)**

Nepal has the lowest level of growth and per capita income in South Asia. More than two-fifths of the country's population live in absolute poverty. Low economic growth rate, growing unemployment and intensifying poverty prevail along with the low level of economic equilibrium. The macro-economic stability witnessed in recent years is virtually the result of low level of economic activity. Low savings resulting in over-dependence on foreign capital for investment has in fact limited the country's sustainable development process. Further, inefficient resource management resulting in high capital output ratio has led to a high cost economy and retarded the country's relative market competitiveness.

The challenges facing Nepal relate to eliminating the longstanding constraints to attain significantly higher growth and to maintain economic stability. This is the key to poverty reduction. Then there are structural and institutional barriers to such a growth. They include, among others, the vulnerable agricultural sector, fragile industrial base, weak financial sector, inefficient public expenditure and unhealthy state enterprises.

Moreover, low agricultural productivity growth combined with high population growth and high illiteracy has perpetuated widespread poverty. Thus, the challenge for Nepal is to attain a broad based and sustained high economic growth given the limited investment resources within the country.

In the last two years, Nepal has maintained broad macro-economic stability. Economic growth has gone up to 6 percent while inflation has come down to 3 percent. Exports have grown significantly and balance of payments is stronger in the country's favor.

- a) The second sentence of the passage tells us that
- i) the country is not so stable economically
 - ii) the country is unstable economically
 - iii) the country is quite stable economically
 - iv) the country is extremely unstable economically
- b) According to the passage, the macro-economic stability in the country
- i) is good news
 - ii) is neither good nor bad news
 - iii) is not pleasing news
 - iv) is bad news
- c) By 'sustainable development' we understand
- i) development that can be maintained
 - ii) long term development
 - iii) fruitful development
 - iv) continuous development

- d) Development process is not sustainable
 - i) because of low savings
 - ii) because of foreign loans
 - iii) because of high dependence on foreign loans
 - iv) because of high indebtedness

- e) According to the passage the country's market competitiveness
 - i) has come down
 - ii) has slowed down
 - iii) has remained stagnant
 - iv) has not improved

- f) At the root of the state of the country's market competitiveness is
 - i) the market itself
 - ii) over-dependence on foreign capital
 - iii) high capital output ratio
 - iv) inefficient use of resources

- g) The main problem with attaining high economic growth
 - i) are the constraints
 - ii) is the high population growth
 - iii) is the limited resources
 - iv) is the inefficient state organizations

- h) The last paragraph presents
 - i) an optimistic picture
 - ii) a pessimistic picture
 - iii) both optimistic and pessimistic picture
 - iv) neither optimistic nor pessimistic picture

2. From the same passage, answer the following questions briefly **(8 marks)**
- i) Explain briefly in your own words what you understand by macro-economic stability

 - ii) What, according to the passage is the key to poverty reduction

 - iii) Explain the term relative 'market competitiveness'

 - iv) How can Nepal attain a higher growth rate?

3. Make your own sentences with any four of the following words **(4 marks)**

constraints :
.....
.....

intensify :
.....
.....

absolutely :
.....
.....

ratio :
.....
.....

constraints fragile :
.....
.....

perpetuate :
.....
.....

4. Fill in the blanks with the appropriate prepositions **(5 marks)**

..... barely two hours to go and an exam that begins.....a note

blanknessmy head it will be the wonder of wonders if by any chance or a fluke I

actually manage to turn a KCM student worth the name.

5. Write a personal essay on yourself focusing on your future plans **(15 marks)**

6. Write a letter to a friend advising him/her to join a certain college. Give good reasons for your advice other than the reason that you are also joining that college. **(10 marks)**



Kathmandu College of Management

BBA ENTRANCE TEST 2015

MODEL QUESTIONS

SECTION B: MATHEMATICS

Name :

Roll No. :

Full Marks: 50 Duration: 2:00 hrs.

Attempt all questions.

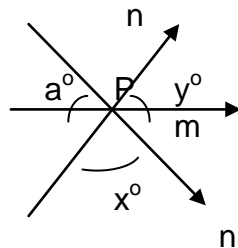
Group- A

Encircle (o) the most appropriate answer from the given choices.

1. If n and k are even integers, which of the following is an even integer ?

- a. $n + k + 1$
- b. $2(n + k + 1)$
- c. $(n - 3)(k + 1)$
- d. $2(n + k) + 1$

2. If lines l , m , n intersect at point P , what is the value of $x^\circ + y^\circ$ in terms of a° ?



- a. $180^\circ - a^\circ$
- b. $a^\circ - 180^\circ$
- c. $a^\circ + 90^\circ$
- d. $a^\circ + 180^\circ$

Directions : For questions 3 & 4 refer to the following information:

A college student must take four subjects.

The subjects he may choose from are English, History, Math, Biology, Chemistry, and Physics

The student must take either Biology, or Chemistry, but not both.

The student cannot take Math and Physics together.

3. If a student takes Biology, which other course(s) must he take?

- a. Physics , chemistry & mathematics
- b. History, physics and mathematics
- c. Mathematics, History and English
- d. Physics , chemistry and History

How many different combinations of courses are available for the student to choose from ?

- a. 3
- b. 4
- c. 5
- d. Greater than 5

4. At central High school each student studies exactly one foreign language. Three- fifth of the students take Spanish, and one-fourth of the remaining students take Italian. If all of the others take French, What percent of the students take French?

- a. 10
- b. 15
- c. 25
- d. 30

5. If $a/b < 0$ and $c/d > 0$ which of the following statements is true?

- a. their product is less than 0
- b. their product is greater than 0
- c. their sum is greater than 0
- d. their sum is less than 0

6. If it takes s sacks of grains to feed c chicken, how many sacks of grains are needed to feed k chicken?

- a. ck/s
- b. k/cs
- c. cs/k
- d. sk/c

7. If $(x + y)/y = a$; then $y/x = ?$

- a. 1
- b. a
- c. $1/a$
- d. $1/(a-1)$

8. The most economical price among the following prices is

- a. 10kg for 16 Rs

- b. 2kg for 3 Rs
- c. 4kg for 7Rs
- d. 8kg for 13Rs

9. If $3(a-1)=7(a+2)$, then what is the value of a?

- a. $\frac{17}{4}$
- b. $-\frac{17}{4}$
- c. $-\frac{14}{4}$
- d. $-\frac{4}{3}$

10. The expression $4 + \frac{1}{s}$ would have lowest value for which value of s?

- a. $\frac{1}{4}$
- b. 1
- c. 2
- d. 4

11. How much more is $3x+2$ than $3x-2$?

- a. 11
- b. 4
- c. -4
- d. 2

12. After 21 kids were added to a class, there were 4 times as many students as before. How many kids were in the class before 21 kids were added?

- a. 3
- b. 11
- c. 7
- d. 14

13. How many different odd numbers are there in between 60 and 100?

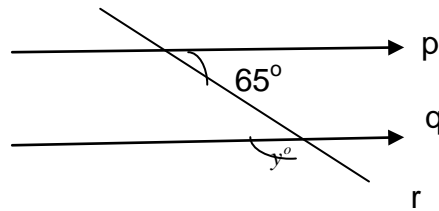
- a. 30
- b. 15
- c. 25
- d. 20

14. If $c^{-\frac{1}{2}} = 3$, what is the value of c^2 ?

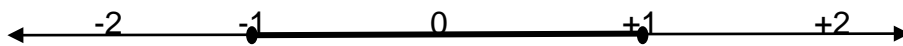
- a. $\frac{1}{9}$
- b. -9
- c. $\frac{1}{81}$
- d. $-\frac{1}{9}$

15. If q is 4 less than r and r is 6 less than s , what is the value of q when $s = 2$?
- 8
 - 12
 - 12
 - 8
16. On a certain planet, if each year has 9 months and each month has 15 days, how many full years have passed after 700 days on this planet?
- 2
 - 3
 - 5
 - 7

17. In the adjoining figure, the measure of angle y is



- 120°
 - 115°
 - 5°
 - 80°
18. In the sequence 2, 6, 18, x , 162, ..., what is the most likely value of x ?
- 36
 - 48
 - 54
 - 81
19. The expression which represents the figure is

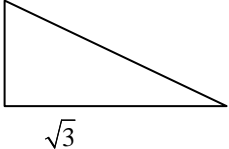


- $x \leq 1$
- $x \geq 1$
- $|x| \leq 1$
- $|x| \geq 1$

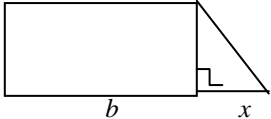
GROUP - B

- Half of male population is 0.3 Of the total 24,000 population. The female population is -----.
- The scale of a map is shown as 4cm: 10 km. A road of 37 km length is ----- cm long in the map.
- The cost of 10 kg meat @ Rs. 800 is equal to the cost of ----- kg @ Rs. 10.
- is added to both the numerator and the denominator of $\frac{11}{15}$ resulting $\frac{6}{7}$.
- If $2^{x-2} + 2^x = 10$ then $x =$ -----.

- 6) In a class of 20 male and 30 female students, the average age of male students in a class is 15 years and that of female students is 16 years. The average age of the class is ----- years.
- 7) The diameter of the orange is reduced to $\frac{1}{3}$ of the given diameter. The volume is reduced by -----percentage.
- 8) When a dice is thrown, the probability of getting a multiple of 2 and 3 is -----
- 9) If the side of a square is increased by 10%. Its area will be increased by -----%.
- 10) Sam drives his car @ 25km/hr and Ram @ 30 km/hr. They will meet at ----- if Sam started at 10 a.m. and Ram started at 11 a.m.
- 11) The length of a square is ----- when its area is equal to the area of the rectangle 16m in length and 4m in breadth.
- 12) When n is divided by 7, the remainder is 4, when $2n$ is divided by 7, the remainder is
- 13) If 10 headphones cost Rs x , y headphones would cost
- 14) I get 40% increment in my salary last year and now the salary is Rs 56000 per month, my salary last year was.....
- 15) 2.25% of a certain amount is Rs 54, The amount is
- 16) If a and b are two positive integers such that 20% of a is equal to 30% of b , then they are related as
- 17) If $a * b = \sqrt{ab}$ for all nonnegative numbers, the value of $11 * 11 =$

- 18) In the triangle  the angle opposite to the side of length 1 cm is

- 19) A 7.5 liter of a mixture contains 60% of molasses. If 1.3 liter of water is added, the % of molasses in the mixture now is.....

- 20) The area of the figure  is

GROUP - C

Directions : Questions 1 to 10.

Each of the following given set of quantities is placed either in Column A or B. Compare the two quantities on the basis of the given information (italics) and choose:

- A) If the quantity in Column A is greater
- B) If the quantity in Column B is greater
- C) If the two quantities are equal

D) If the relationship cannot be determined from the information given

Column - A

Column - B

The value of $\frac{2x+y}{y^2}$

1) at $x=1, y=1$

at $x=1, y=2$

Ans:-----

One boy sleeps 14 hours per day (1 month = 30days)

2) Number of hours that he sleeps in 3 weeks

Number of hours that he doesn't sleep in a month

Ans:-----

60% of $x + 2$ is 36

3) x

60

Ans:-----

x is an integer such that

$$-1 \leq 2x + 1 < 2$$

4) 0

x

Ans:-----

5) The average of 18, 20, 22, 24, 26
27

The average of 17, 19, 21, 23, 25,

Ans:-----

The central number of 3 consecutive even numbers is $2x+2$

6) $2x$

The average of the three even numbers

Ans:-----

**Worker A takes 4 days to complete one job, and
worker B takes 6 days.**

- 7) The time takes both workers together to complete the job 2.5 days

Ans:-----

- 8) m^2 **$0 < n < m$** n^2

Ans:-----

- 9) ac **a, b, c are integers** bc

Ans:-----

- 10) 2 **$2x + y = 6 ; x - y = 4.$** y

Ans:-----