



Kathmandu College of Management
BBA ENTRANCE TEST 2020- Model Question
SECTION A: ENGLISH

Name :

Roll No. :

Full Marks : 50

Duration: 1 hour

Reading Section

[10 marks]

(So Jake spread his arms, leaped skyward from the sidewalk, and began to fly, rocketing up over the neighborhood. Suddenly he heard the distant voice of his father calling, as if from another universe, and Jake pried open sleep-heavy eyes . . .)

“Get up, pal,” said Jake’s father, “or you’ll miss the school bus.”

“Just let me sleep a little longer,” Jake mumbled. Then he groaned and turned over, pulling the covers up over his head like a tent, as if to somehow recapture his dream. Jake loved to sleep. It wasn’t that he was lazy or lacked energy. Jake was a normal fourteen-year-old kid in every way. But he loved to curl up under a soft white cloud of sheets, rest his head on a marshmallow pillow, and luxuriate in the twilight world of slumber where life is exciting and dreams always come true.

(So Jake was sitting at a table at Chez Maurice’s in Hollywood, having lunch with his buddy, Tom Cruise. Tom was offering Jake a role in his next movie when . . .)

“Get up,” said Jake’s father, gently shaking his son’s shoulders. Jake yawned and hauled his legs over the side of the mattress, where he sat for a few moments to reconcile him with the shocking reality of upright existence. He dragged himself into the shower, where he briefly dreamed of tropical rain forests, and at last shuffled downstairs to breakfast.

“Jake’s going to sleep his life away!” teased Taylor, his nine-year-old sister, as she sat at the table, kicking her dangling legs excitedly as if to show by comparison how wide awake she was.

“He’s just a growing boy,” said Jake’s father, washing dishes at the kitchen sink. “Right?” Jake nodded sleepily and finished his breakfast. He trudged out the front door with Taylor, still half sleep walking, and they waited on the curb for their school bus, as usual.

At school, finally fully awake, Jake cycled through the pleasant routine of another typical day. He greeted his buddy Benjamin at the locker they shared. They discussed hockey

games and books. Then there was science with Mr. Albert, math with Ms. Freed, and lunch with Benjamin, who always told great jokes. After school, there was homework, dinner with his dad and Taylor, maybe a little TV, and then off to dreamland. And so went week after week, and month after month.

(So, Jake swung the bat, sending the ball out of Dodger Stadium and into the Baseball Hall of Fame . . .)

“Come on, get up,” giggled Taylor, holding a ringing alarm clock only inches from her brother’s face. “You’ll be late for school!” Jake shook his head in disbelief and ducked under the covers.

Moments later Jake awakened to an empty, quiet room. He noted with puzzlement that all the buttons on his pajama top had popped off in the night. Then he pulled himself from bed and padded sleepily to the shower. The bathroom mirror reflected a face that was oddly unfamiliar—one with heavier eyebrows and new creases in its brow. Jake rubbed a hand over his face and felt the unexpected sandpaper abrasion of whiskers. Mystified and dazed, he staggered downstairs to the kitchen, where he was shocked to discover a teenaged Taylor sitting at the breakfast table beside his father, who was grayer and heavier.

“So you finally woke up,” commented Jake’s father, casually sipping his coffee. “We thought you’d sleep forever.”

“You certainly overslept!” added Taylor in a surprisingly mature voice.

Jake shook his head as if to disperse the fog of dreams.

“What are you talking about?” “You’ve been asleep for four years,” Jake’s father replied calmly. “Better get dressed, or you’ll be late for your last day of school.” This statement set Jake’s mind reeling. His last day of school? Had he really slept so long? Was he now eighteen years old?

Lost in a whirl of confusion, Jake went to his room to dress for school and discovered that none of his clothes fit him. He borrowed a shirt, pants, and shoes from his father—and they made him look and feel even older.

Taylor led zombie-like Jake out the front door to the curb. Boarding his bus, Jake stared in bewilderment at the aged faces of his friends. “Hey, it’s Jake!” shouted someone from the back of the bus. “He’s back!” One by one, his schoolmates began to recognize him.

“Buddy, you sure look older!” said someone sitting near where Jake stood. Jake looked down to discover his friend Benjamin smiling heartily and looking startlingly like his older brother. Jake sat beside Benjamin, who eagerly told what had happened during Jake’s years of slumber—how Mr. Albert had retired from teaching science, and how Ms. Freed had married. Benjamin spoke excitedly of hockey games won and lost; of books read and remembered; of school plays, classes, pep rallies, and car washes. They were small, ordinary events, but to Jake they seemed extraordinary because they had happened without him. He had missed grades nine through twelve. And now there would be no more school days with Benjamin, his teachers, or his other friends. Jake had slept them all away.

“Come on, buddy, get up,” called Jake’s father. Jake pried open leaden eyelids to see his father standing at the foot of his bed, looking younger and leaner. Beside him was a nine-year-old Taylor, seemingly more girlish and bubbly than ever before.

“Come on, sleepyhead!” she giggled. Her laughter seemed as bright as the yellow sunshine splashing about the room. “You don’t want to miss school, do you?”

Jake beamed and looked at his family. “No, I wouldn’t want to do that,” he said as he threw back the covers and leaped out of bed.

Circle the correct option:

1. What conclusion can be made based on the fact that Jake’s pajamas do not fit?
 - a. He has cheap pajamas that came apart while he slept.
 - b. He has grown lots in the four years he was asleep.
 - c. He ate too much the night before and gained weight.
 - d. He had a growth spurt that happened overnight.

2. In paragraph 20, the phrase “as bright as the yellow sunshine” is an example of which term?
 - a. Simile
 - b. Metaphor
 - c. Personification
 - d. Onomatopoeia

3. Which event happens first?
 - a. Jake dreams about having lunch with Tom Cruise.
 - b. Jake dreams about flying over the neighborhood.
 - c. Jake dreams about playing baseball for the Dodgers.
 - d. Jake dreams about sleeping for four years.

4. Why does Jake leap out of bed at the end of the story?
 - a. He does not want his dad bugging him.
 - b. He does not want his sister laughing at him.
 - c. He does not want to sleep his life away.
 - d. He does not want to grow anymore.

5. What do the italicized sentences represent in the story?
 - a. Dreams
 - b. Conversations
 - c. Opinions
 - d. Titles

6. After reading the passage, what could be the belief of the author?
 - a. Teenagers should not listen to their friends.
 - b. Teenagers should not listen to their parents.
 - c. Teenagers should not let opportunities pass them by.
 - d. Teenagers should not sleep more than ten hours a night.

7. What could be another title for the story?
- a. Life is Full of Important Things to Do
 - b. Annoying Sisters Keep You Awake
 - c. He is Just a Growing Boy
 - d. Alarm Clock Jitters
8. 'Pal' is also known as
- a. Son
 - b. Friend
 - c. Boy
 - d. Child
9. How many grades did Jake miss?
- a. 2
 - b. 3
 - c. 4
 - d. 5
10. What does "on a marshmallow pillow" mean?
- a. Pillow made out of marshmallow
 - b. Marshmallow shaped pillow
 - c. Pillow as soft as a marshmallow
 - d. None of the above

Grammar Section

1. Fill in the blanks with the correct option.

[5 marks]

- a. They got married the war. (in/ during/ at)
- b. She is certain success. (in/ for/ with)
- c. He is staying a hotel. (in/ at/ on)
- d. Don't laugh the poor. (to/ with/ at)
- e. She writes pencil. (from/ with/ by)

2. Re-write the following sentences as indicated in the bracket:

[5 marks]

- a. They do not make dolls here. (Passive Voice)

.....
.

- b. These books must not be taken away. (Active Voice)

.....
.

- c. She hurt her leg in the accident. (Passive Voice)

.....
.

- d. The revolutionaries are being supported. (Active Voice)

.....
.

- e. People think that life is a bed of roses. (Passive Voice)

.....
.

3. Complete the sentences below with the correct use of tense: [5 marks]

- a. If it they will get drenched. (rain)
- b. My brother to visit me next week. (come)
- c. The value of rice in a few months. (rise)
- d. Rachit his second book by this June. (write)
- e. I here since last July. (live)

4. Complete the sentences with the correct article: [5 marks]

- a. He is not honorable man.
- b. He is European.
- c. We breathe oxygen in the air.
- d. This is place I like.
- e. It is one-rupee coin.

Writing Section

[2 x 10 = 20 marks]

1. Do you think it is our duty to preserve the earth and its resources?
2. Write a letter to your friend recommending him to study BBA at Kathmandu College of Management (KCM).



Kathmandu College of Management
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SECTION B: MATHEMATICS

Name :

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Encircle the correct answer.

1. Which choice is the following expression simplified?
 $4(8-3)^2 \div 10 - 2(3) + 5$
 - A. 9
 - B. 19
 - C. 29
 - D. 39

2. If $A = \{1, 2, 3\}$ and $B = \{4, 3, 5\}$, then what does $A \cup B$ mean?
 - A. $\{1, 2, 3\}$
 - B. $\{1, 2, 3, 4, 5\}$
 - C. $\{1, 2, 4, 5\}$
 - D. $\{3\}$

3. If $A \cap B = \emptyset$ then $A - B$ is
 - A. A
 - B. B - A
 - C. A^c
 - D. \emptyset

4. Which one is the irrational number?
 - A. $\frac{2}{3}$
 - B. 4
 - C. $\sqrt{2}$
 - D. 9

5. (C.P.-S.P.) is called
- A. loss
 - B. profit
 - C. discount
 - D. none
6. The ratio of cats to dogs that a veterinary office treats is 3 to 7. On Monday, the office sees 21 dogs. How many cats and dogs does the office see in total on that day?
- A. 9
 - B. 24
 - C. 28
 - D. 30
7. Solve the following inequality.
- $$7-2x>21$$
- A. $x>7$
 - B. $x-7$
 - C. $x>-7$
 - D. $x<-7$
8. Simplify $\sqrt{-9} + \sqrt{-16}$
- A. $7i$
 - B. $-7i$
 - C. $5i$
 - D. Cannot be solved
9. What are the values of x and y , given the system of equations below?
- $$\begin{aligned}x+4y&=3 \\ 3x+2y&=49\end{aligned}$$
- A. $x=-4; y=19$
 - B. $x=19; y=-4$
 - C. $x=4; y=-19$
 - D. $x=-19; y=4$
10. If $\frac{4}{x} + \frac{3}{5} = \frac{10}{x}$, then the value of x is
- A. 15
 - B. 10
 - C. 5
 - D. 0

11. What is the value of x^0 ?
- A. 0
 - B. x
 - C. 1
 - D. 2
12. What is the value of x in the following equation?
 $3x+4=25$
- A. 3
 - B. 4
 - C. 7
 - D. 10
13. Which choice gives the product of the following two binomials?
 $(3x+4)(4x-3)$
- A. $12x^2+7x-12$
 - B. $12x^2-12$
 - C. $12x^2+12x-12$
 - D. $12x^2-7$
14. Which choice gives the quotient of the following two expressions?
$$\frac{28x^2-12x}{4x}$$
- A. $4x$
 - B. $7-3x$
 - C. $10x$
 - D. $7x$
15. Which equation describes a line with a slope of 3 that passes through the point $(-1, 2)$?
- A. $2 = -1x + 3$
 - B. $y = 3x + 5$
 - C. $3 = 2x + b$
 - D. $y = 5x + 3$

16. Which choice shows a way to correctly factor the following polynomial?
 $3x^5-51x^4+39x^3-15x^2$
- A. $3x(1-17+13-5)$
 - B. $3x(x-17x+13x-5x)$
 - C. $3x^2(x^4-17x^3+13x^2-5x)$
 - D. $3x^2(x^3-17x^2+13x-5)$
17. Coefficient of range is
- A. $\frac{L-S}{L+S}$
 - B. $\frac{L+S}{L-S}$
 - C. both A and B.
 - D. None
18. The mean of 4,7, x,13,16 is 10 then the value of x is
- A. 5
 - B. 10
 - C. 15
 - D. 20
19. If $\sum fx^2 = 680$, $\sum fx = 60$ and $N=20$, what is the value of standard deviation ?
- A. 10
 - B. 7
 - C. 5
 - D. 6
20. Find the perimeter of a square having area of 25 cm^2
- A. 5 cm
 - B. 10 cm
 - C. 15 cm
 - D. 20 cm

For question 21 to 25, the answer choices are always as follows:

- A) Quantity of column A is greater
- B) Quantity of column B is greater
- C) The two quantities are equal
- D) The relationship cannot be determined from the information given

Quantity A	Quantity B	Answer
21) Prime number between 6 and 10	The value of x in the following equation: $x + y = 7$ and $x + 2y = 10$	
22) Increase in price of a product with unit price Rs 100 due to 10% tax	The median of 3, 13, 5, 10, 21	
23) Rahul age this year.	Rahul's sister is 25 year old.	
24) The profit percentage of product which is purchased at Rs 400 and sold at Rs 440	The percentage discount you get for the cloth with tag price of Rs 1800 and you purchase at Rs 1500	
25) $\frac{1}{\frac{1}{4} + \frac{2}{3}}$	Ratio of 5 kg and 595 grams	