



INDIAN INSTITUTE OF MANAGEMENT KASHIPUR, DEHRADUN CAMPUS

EMAT EXAM

NO. OF QUESTION: 60, TIME: 60 MIN, MAX MARKS: 60

SECTIONS: 5 (12 questions from each section)

(SAMPLE QUESTION PAPER)

SECTION 1: LOGICAL REASONING

Read the following carefully and answer the questions that follow (1-4).

A rock band has five members. Their names are John, Mark, Andrew, Paul and Simon. The instruments that the band uses are the drums, the flute, the keyboard, the guitar and the bass. Each member plays only one of the instruments. Each member of the band is from one of South Africa, USA, Ireland, France and England, though not necessarily in that order. The hair colours of the members are blonde, green, red, black and yellow, again not necessarily in that order.

The following information is known.

- John's hair is red. He is not from Ireland or France.
- Andrew plays the drums. His hair is not yellow, and he is not from the USA.
- Paul and Simon have yellow and green hair, not necessarily in that order.
- Mark plays the guitar. He is from England.
- Paul and Simon are from France and the USA, not necessarily in that order.
- The Irishman has blonde hair, and the Frenchman has green hair.
- The South African plays the bass and the American plays the keyboards. One of them has yellow hair.

1. Which country is Andrew from?

- A. Ireland
- B. USA
- C. England
- D. France

2. Which member of the band has black hair?

- A. Mark
- B. Andrew
- C. Paul
- D. Simon

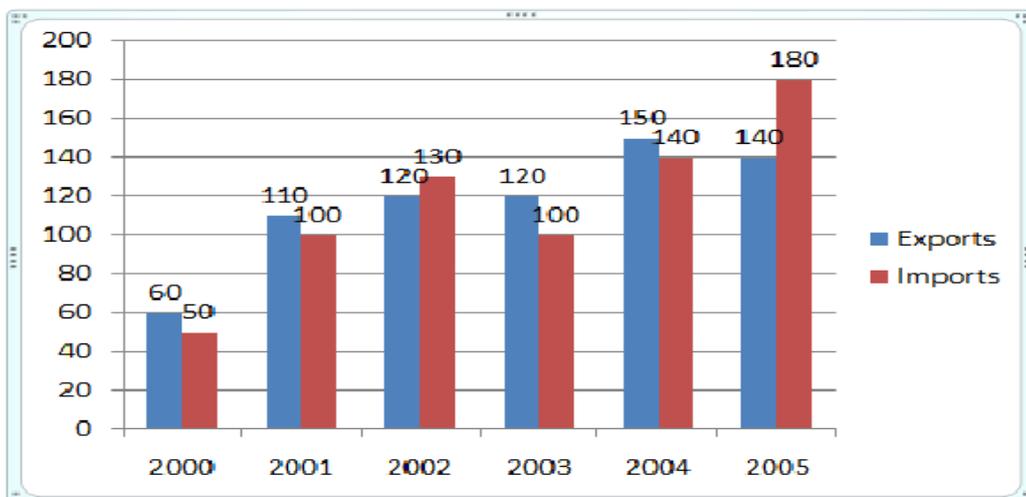
3. From which countries do the Flute and Bass players (in that order) come?

- A. USA and South Africa
- B. Ireland and the USA
- C. The USA and Ireland
- D. France and South Africa

4. If Simon plays the Flute, which member of the band has yellow hair?
- Mark
 - Andrew
 - Paul
 - Simon
5. If + means \div , \times means $-$, $-$ means \times & \div means +, then $38+19 - 16 \times 17 \div 3 = ?$
- 16
 - 19
 - 18
 - 12
6. Which of the following options follow the same relationship?
RAIN: DRIZZLE
- run: jog
 - hop: shuffle
 - juggle: bounce
 - walk: run
7. Here are some words translated from an artificial language.
- dionot means oak tree
 - blyonot means oak leaf
 - blycrin means maple leaf
- Which word could mean "maple syrup"?
- blymuth
 - hupponot
 - patricrin
 - crinweel

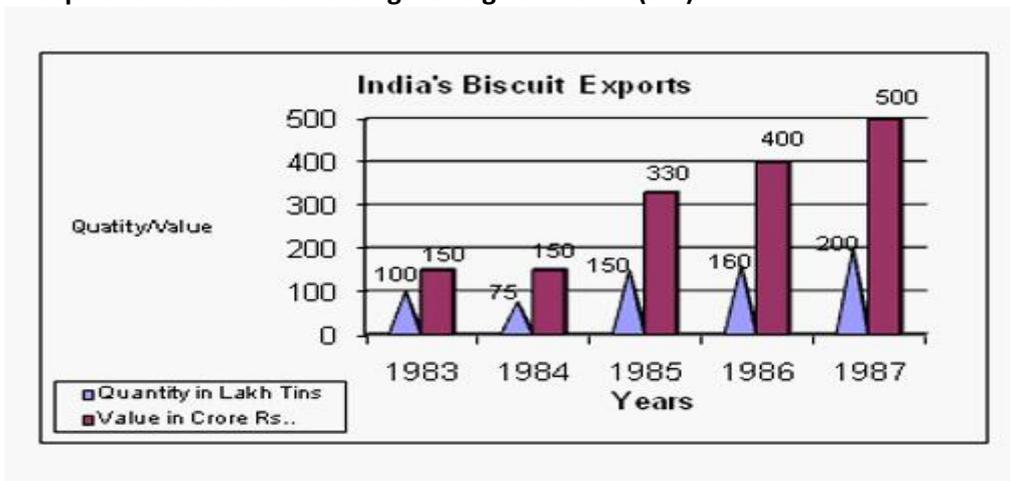
SECTION 2: DATA INTERPRETATION

Answer the questions that follow the figure as given below (1-2).



- Out of the given years, in how many did the export was more than 10% as compared to the import?
 - 1
 - 2
 - 3
 - 4
- From the numbers given in the figure, what will be the average annual growth for the imports done from 2001 to 2005?
 - 11
 - 12.5
 - 13.5
 - 14.5

Answer the questions that follow the figure as given below (3-4).



- In which year was the value per tin the minimum?
 - 1987
 - 1984
 - 1985
 - 1983
- If in 1986 tins were exported at the same rate per tin as in 1985, then what would be the value of exports in 1986? (Crores of Rupees)
 - 352
 - 420
 - 375
 - 330

SECTION 3: QUANTITATIVE ABILITY

1. If the number $653xy$ is divisible by 90, then $(x + y) = ?$
 - A. 2
 - B. 3
 - C. 4
 - D. 6
2. An error 2% in excess is made while measuring the side of a square. The percentage of error in the calculated area of the square is:
 - A. 2%
 - B. 2.02%
 - C. 4%
 - D. 4.04%
3. A tank is 25 m long, 12 m wide and 6 m deep. The cost of plastering its walls and bottom at 75 paise per sq. m, is:
 - A. Rs. 456
 - B. Rs. 458
 - C. Rs. 558
 - D. Rs. 568
4. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?
 - A. 564
 - B. 756
 - C. 735
 - D. 645

SECTION 4: GENERAL KNOWLEDGE

1. Which organisation has signed MoU with Automotive Research Association of India in various projects related to e mobility?
 - A. BEL
 - B. BHEL
 - C. ISRO
 - D. NTPC
2. What is the full form of OYO?
 - A. O' Yo!
 - B. On Your Own
 - C. One Year Old
 - D. No full form exists
3. Who is the founder of Paytm?
 - A. Ritesh Agarwal
 - B. Binny Bansal
 - C. Bhavishh Agarwal
 - D. Vijay Sharma

4. Vistara is a JV between Tata and
- A. United Airlines
 - B. Ryanair
 - C. Singapore Airlines
 - D. Mayasia Airlines

SECTION 5: Verbal Ability

1. Find the proper order for the four sentences

S1: There is a touching story of Professor Hardy visiting Ramanujan as he lay desperately ill in hospital at Putney.

P: "No Hardy, that is not a dull number in the very least.

Q: Hardy, who was a very shy man, could not find the words for his distress.

R: It was 1729.

S: The best he could do, as he got to the beside was "I say Ramanujan, I thought the number of the taxi I came down in was a very dull number"

S6: It is the lowest number that can be expressed in two different ways as the sum of two cubes.

The Proper sequence should be:

- A. PRSQ
 - B. QSRP
 - C. QSPR
 - D. QRSP
2. Find the mistake: Most of the Indian workers are as healthy as, if not healthier than, British workers.
- A. healthier but not as healthy
 - B. as healthy, if not healthier
 - C. so healthy, if not healthier
 - D. No correction required
3. Opposite of DISHEVELED
- A. messy
 - B. unkempt
 - C. neat
 - D. ruffled
4. One-word substitution: State of anxiety or dismay causing mental confusion
- A. Constriction
 - B. Consternation
 - C. Concentration
 - D. Contraction
5. Choose the option that does not belong with the rest
- A. consort
 - B. spouse
 - C. clear
 - D. partner

