MASTER DEGREE PROGRAMME

Note: A few sample questions are being given for the guidance of the candidates in the preparation. These sample questions do not necessarily indicate either the types or the difficulty levels of questions that may be asked in the actual test.

QUANTITATIVE APTITUDE

Q1. A person on tour has ₹ 360 for his daily expenses. He decides to extend his tour programme by 4 days which leads to cutting down daily expenses by ₹ 3 a day. The number of days of his tour programme is _____.
    (1) 20   (2) 15   (3) 18   (4) 16

Q2. One fourth of Nitin's money is equal to one-sixth of Yash's money. If both together have ₹ 600, what is the difference between their amounts?
    (1) ₹ 240   (2) ₹ 160   (3) ₹ 200   (4) ₹ 120

Q3. A money lender lent out ₹ 25,000 in two parts, one at 8% and the other at 8.5%. If the total annual income on the amount is ₹ 2,187.50, the money lent at 8% is _____.
    (1) ₹ 6,250   (2) ₹ 12,500   (3) ₹ 10,000   (4) ₹ 18,750

Q4. The ratio of the volume of a cube to that of the sphere which can fit inside the cube is _____.
    (1) 21 : 11   (2) 3 : 4   (3) 1 : 2   (4) 4 : 3

Q5. A train travels a distance of 300 km at a constant speed. If the speed of the train is increased by 5 km an hour the journey would have taken 2 hours less. The original speed of the train was
    (1) 20 km/hr.   (2) 25 km/hr.   (3) 28 km/hr.   (4) 30 km/hr.

ENGLISH COMPREHENSION & GRAMMAR

Directions (Questions 1-2): *Read the passage below to answer the questions that follow the passage.*

Passage

Until a hundred years ago as humans we had a simple, uncomplicated biological connect. It was a straightforward equation: we drew roughly 3,000 calories each of energy out of the Earth for our food and life's sustenance. Today that number per capita has grown to 1,00,000 calories. We still need only 3,000 calories each to nourish life itself. All the rest of this energy is what we extract from the Earth for everything else besides keeping ourselves alive. In some countries, like the US, this per capita number runs at over 2,00,000 calories. Some of us are concerned about this. We fret over what we could — and should — really be doing to soften this abuse of resources. Little things fox us in the welter of things that we get to read. What is sustainable development? How can it be started at our

homes? Beyond the ceremonial planting of green and getting people to run marathons of various lengths in support of the environment, is there more that we can add to the abstract value of 'sustainability'? What are the little things we can do in our day-to-day lives, to reduce demand for things that people make and market? Of course, we know that it helps to avoid a plastic bag when you can use a newspaper bag, or a brown bag, or even a jute bag which you can use for many more years unlike a plastic bag which you throw away in less than a week or after a few uses. However, there's actually quite a bit more that you and I can do, without compromise on comfort, with very little as cost incurred, with financial savings that you can gain on energy and water use, and with solutions that are very feasible and within your reach. It is possible to understand our ecological footprint and its disastrous consequences, not merely in terms of our own behaviour as consumers, but really in terms of the impact on the environment we make.

Q1. What is the primary concern of the passage?
(1) Use of plastic bags should be completely banned.
(2) There is a need to save energy, especially for our future.
(3) All of us should not only plant trees but also run the marathon.
(4) We need to respect the Earth and consume less of its calories.

Q2. Which one of the following statements *cannot* be inferred from the passage?
(1) We do not depend on the Earth for our food and life sustenance.
(2) There are many little things we can do to save our Earth.
(3) Only running marathons of various lengths does not help.
(4) A lot many years before, our association with the Nature was quite simple.

Directions (Question 3): *In this question, choose the option which can be substituted for the given words.*
Q3. Very high-spirited; full of cheerfulness or enthusiasm
(1) Sporting   (2) Eccentric   (3) Eburnean   (4) Ebullient

Directions (Question 4): *Choose the option to fill in the blanks.*
Q4. The public relations agency _____ out all the stops to ensure a _____ attendance at the gala.
(1) pulled, spectacular   (2) gave, phenomenal
(3) took, marvellous   (4) forked, staggering

Directions (Question 5): *A sentence has been broken into four parts. Choose the part that has an error.*
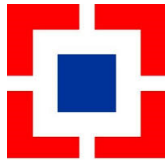Q5. (1) It is impossible to say what unlooked-for remark,
(2) this short and silent communication, between two such singular men,
(3) might have elicit from the white man,
(4) had not his active curiosity been again drawn to other objects.

GENERAL KNOWLEDGE & CURRENT AFFAIRS

Q1. As per Indian history, the 'Dancing Girl' artefact from the Indus Valley Civilization was found in_____.
(1) Lothal   (2) Harappa   (3) Mohanjodaro   (4) Surkotada

Q2. Who introduced the 'Doctrine of Lapse' in India?
(1) Lord Canning   (2) Lord Hastings   (3) Lord Bentinck   (4) Lord Dalhousie

Q3. Which nation has won the 2022 FIFA World Cup?
(1) Brazil   (2) Argentina   (3) France   (4) England

Q4. The Sum Temple is situated in which of the following states of India?
(1) Odisha   (2) Gujarat   (3) Karnataka   (4) Tamilnadu

Q5. The Constitution of India came into effect on_____.
(1) 26 January, 1947   (2) 26 January, 1949   (3) 26 January, 1950   (4) 27 January 1949

MANAGEMENT APTITUDE TEST

Q1. The given pictorial logo belongs to which Indian leading private bank?

(1) Yes Bank   (2) Andhra Bank   (3) HDFC Bank   (4) Citi Bank

Q2. Which place in Gujarat is famous for the production of Sandagiri, Yemini and Kharri prints?
(1) Bhuj   (2) Rajkot   (3) Jamnagar   (4) Ahmedabad

Q3. The Tagline "The Taste of India" belongs to which company?
(1) Amul   (2) Pepsi   (3) Frooti   (4) Maggi

Q4. 'Durian' is a famous Indian online_____.
(1) furniture store   (2) fashion jewellary store
(3) clothing brand store   (4) None of these

Q5. 'Wills Life Style' stores, is a chain of retail fashion stores from the house of_____.
(1) Reliance Retails   (2) Aditya Birla Group. (3) Tata Group   (4) ITC.

ANALYTICAL ABILITY

Directions (Question 1): *The given question has a statement followed by two conclusions I and II. Decide which of the conclusions follows from the statement. Mark answer as*

    (1) if conclusion I follows

    (2) if conclusion II follows

    (3) if neither conclusion I follows nor II follows

    (4) if both conclusions I and II follow

Q1. *Statement:*

The doctor is of the opinion that the patient's condition would become normal after this operation.

Conclusions:

I.   The patient's condition is such that he can be operated upon.

II. Certain costly medicines can be administered to the patient and the operation may not be necessary.

Directions (Question 2): *For the Assertion (A) and Reason (R) below, choose the correct alternative from the following:*

    (1) Both (A) and (R) are true and (R) is the correct explanation of (A).

    (2) Both (A) and (R) are true but (R) is not the correct explanation of (A).

    (3) (A) is true but (R) is false.

    (4) (A) is false but (R) is true.

Q2. *Assertion (A):* Harmonious industrial relations are necessary for faster economic development of a country.

Reason (R): Good relations keep the wheels of production rolling.

Directions (Question 3): *Study the given information carefully to answer the question.*

Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table in such a way that two persons sit on each of the four sides of the table facing the centre. Persons sitting on opposition sides are exactly opposite to each other. D faces North and sits exactly opposite to H. E is to the immediate left of H. A and G sit on the same side. G is exactly opposite of B who is to the immediate right of C. A is next to the left of D.

Q3. Who is next to E in clockwise direction?

    (1) G   (2) B   (3) F   (4) A or F

Q4. If 3,1,11,5 represents CAKE; 6,1,9,12 is FAIL, what represents FIRST?

    (1) 6,9,18,19,20   (2) 6,18,9,19,20   (3) 9,18,6,19,20   (4) 18,19,20,9,6

Q5. While facing East, I turn to my left and walk 10 metres, then turn to my left and walk 10 metres. Now I turn 45 degrees towards my right and cover 25 metres. At this point, in which direction am I from my starting point?

(1) North-East   (2) South-West   (3) South-East   (4) North-West

MASTER DEGREE PROGRAMME

Note: A few sample questions are being given for the guidance of the candidates in the preparation. These sample questions do not necessarily indicate either the types or the difficulty levels of questions that may be asked in the actual test.

QUANTITATIVE APTITUDE

1. Three taps A, B and C can fill a tank in 12, 15 and 20 hours respectively. If A is open all the time and B and C are open for one hour each alternately, the tank will be filled in
    (1) 7 hours   (2) 6 hours   (3) 5 hours   (4) None of these

2. A person on tour has ₹ 360 for his daily expenses. He decides to extend his tour programme by 4 days which leads to cutting down daily expenses by ₹ 3 a day. The number of days of his tour programme is_____.
    (1) 20   (2) 15   (3) 18   (4) 16

3. Three friends Anita, Bindu and Champa divide ₹ 1,105 amongst them in such a way that if ₹ 10, ₹ 20 and ₹ 15 are removed from the sums that Anita, Bindu and Champa received respectively, then the share of the sums that they got will be in the ratio of 11 : 18 : 24. How much did Champa receive?
    (1) ₹ 510   (2) ₹ 495   (3) ₹ 480   (4) ₹ 375

4. A trader owes a merchant ₹ 10,028 due 1 year hence. The trader wants to settle the account after 3 months. If the rate of interest is 12% per annum, how much cash should he pay ?
    (1) ₹ 9,200   (2) ₹ 9,025   (3) ₹ 9,600   (4) ₹ 9,560

5. The students present in an auditorium are asked to stand in rows. If there were 4 students extra in a row there would be 4 less rows. However, if 2 students were less in a row, there would be 4 more rows. The number of students present in the auditorium is
    (1) 96   (2) 80   (3) 100   (4) 128

6. One fourth of Nikhil's money is equal to one-sixth of Yogesh's money. If both together have ₹ 600, what is the difference between their amounts ?
    (1) ₹ 240   (2) ₹ 160   (3) ₹ 200   (4) ₹ 120

7. A money lender lent out ₹ 25,000 in two parts, one at 8% and the other at 8.5%. If the total annual income on the amount is ₹ 2,187.50, the money lent at 8% is
    (1) ₹ 6,250   (2) ₹ 12,500   (3) ₹ 10,000   (4) ₹ 18,750

8. A man has 5 friends and his wife has 4 friends. They want to invite either of their friends, one or more to a party. In how many ways can they do so ?
(1) 18   (2) 9   (3) 31   (4) 46

9. A toy is in the shape of a hemisphere surmounted by a cone. If radius of base of the cone is 3 cm and its height is 4 cm, the total surface area of the toy is
(1) 42π cm2   (2) 33π cm2   (3) 66π cm2   (4) 56π cm2

10. A sum was put at simple interest at a certain rate for 3 years. Had it been put at 1% higher rate, it would have fetched ₹ 5,100 more. The sum is
(1) ₹ 1,50,000   (2) ₹ 1,70,000   (3) ₹ 1,25,000   (4) ₹ 1,20,000

ENGLISH COMPREHENSION & ANALYTICAL ABILITY

Directions: *Read the passage below to answer the questions that follow the passage.*

In a convention hall filled with auto executives who wish they could wake up to find that 2009 was just a bad dream, David Zuchowski and his colleagues at Hyundai were doing low-key victory laps. But while they plan in 2010 to pick up where they left off, they also tempered expectations that the U.S. sales gains achieved by the Korean automaker can be repeated. "We will not have the same margin of difference that we did last year," David Zuchowski said at the Detroit auto show. "Our sales were up 8 percent in a market that was down 21 percent. There are a lot of things that happened with our competition, with our marketing, that really put us in a different area. We think for sure that we're going to grow our volume this year and we're going to grow our market share," he added. "If nothing else changes, and we held our 4.2 percent market share into 2010, we think that in itself accounts for 45,000 units of additional volume. And we think we're going to grow our share on top of that because we have some really terrific new products. "

John Krafcik, CEO of Hyundai's American sales operations, said the first goal is to hold onto the market share gains of 2009. Last year, Hyundai's U.S. sales rose 8.3 percent to 435,064 units. Its share of the market jumped to 4.2 percent from 3 percent in 2008. Hyundai expects U.S. sales this year to hit 11.4 million, maybe even 11.5 million units. U.S. sales fell 21.2 percent last year to 10.4 million units. As U.S. automakers in early 2009 were concerned about their own survival, "Hyundai Assurance" was introduced as a safety net for consumers afraid of losing their jobs. Just shy of 100 customers returned cars under a program allowing buyers to walk away from loans without a negative mark on credit reports if they lost their jobs. The program has been extended through 2010.

"It elevated our brand," Zuchowski said of the Hyundai Assurance program. "People who never used to consider us now are." Car salesmen watch this "consideration rate," which is as it sounds —

whether a consumer will consider a brand when making a purchase decision.

1. Which of the following inferences is false according to the passage ?
   (1) America stopped buying cars from South Korea.
   (2) Hyundai is hoping to get more market share or at least maintain the last year's sales.
   (3) America has still not reached its peak in car sales.
   (4) America has taken a conscious decision to buy more cars.

2. It can be inferred from the passage that
   (1) Hyundai is optimistic of increasing their sales this year in America.
   (2) Hyundai is unable to sell their cars in American market.
   (3) Car sales are going to plummet in America through 2010.
   (4) Both David Zuchowski and John Krafcik are at loggerheads.

Directions: *For the Assertion (A) and Reason (R) below choose the correct alternative from the following. Mark answer as*
   (1) both (A) and (R) are true but (R) is not the correct explanation of (A).
   (2) if both (A) and (R) are true and (R) is the correct explanation of (A).
   (3) if (A) is true but (R) is false.
   (4) if (A) is false but (R) is true.

3. *Assertion (A) :*   India should not enter into a 'No-War-Pact' with Pakistan.
   Reason (R) :   Because Pakistan's intentions are not clear.

Directions: *Against this question, there is a statement I passage and two courses of action numbered I and II, Assume everything in the statement to be true. Decide which of the two suggested courses of action logically follows for pursuing. Mark the answer as*
   (1) if only course of action II follows
   (2) if only course of action I follows
   (3) if either course of action I or II follows
   (4) if neither course of action I nor II follows

4. *Statement* :
   Love marriages generally end in divorce. So, the children are brought up by one parent. Therefore, the practice of love marriages should be abandoned.

   Courses of action :
   I. Arranged marriages are better than love marriages.
   II. It is undesirable to have a child brought up by one parent.

Directions: *This question given below have a statement followed by two conclusions I and II. Decide which of the conclusions follows from the statement. Mark answer as*

     (1) if conclusion I follows

     (2) if conclusion II follows

     (3) if neither conclusion I follows nor II follows

     (4) if both conclusions I and II follow

5.   *Statement:*

During the festival season Amazon and other e-commerce sites have marketed a varied range of products at rates much cheaper than the ones available at shops.

Conclusions:

I. The quality of the products available at Amazon and other e-commerce sites must be as good as those in the shops.

II. People will go ahead to purchase as the price and quality are their primary considerations

!

Directions: *Each of these questions consists of a statement followed by two arguments I and II. You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.*

Mark the answer as

     (1) if only argument I is strong

     (2) if only argument II is strong

     (3) if both argument I and II is strong

     (4) if neither argument I nor II is strong

!

6.   *Statement :*

As the 7th Pay Commission recommended, should the Government of India reduce the number of holidays on which the government offices remains close?

Arguments :

I. Yes. The government offices should remain open on 365 days as public needs government services every day.

II. No. It will lead to an over-productivity issue in the government offices.

!!

Directions: *Study the information carefully and answer the following questions:*

Five professionals are there who are attending a TV discussion as panelists. By profession, they are Interviewer, Trader, Writer, Lawyer and CA respectively. They are sitting in a row on a stage. All are facing front looking at the audience but not necessarily in the same order.

The following information is available about their seating arrangement:

One of the two professionals at the extreme ends is the interviewer and the other one is Lawyer. The Trader is sitting on the left of the CA and CA is on the left of the Lawyer and the Writer is sitting between the interviewer and the Trader.

7. Which of the following describes the person on the left of the writer?

     (1) Interviewer   (2) Trader   (3) Writer   (4) Lawyer

8. Who is sitting between lawyer and trader?

     (1) Writer   (2) CA   (3) Interviewer   (4) None of these

9. A, B, C, D, E, F and G are members of a family consisting of 4 adults and 3 children, two of whom, F and G are girls, A and D are brothers and A is a doctor. E is an engineer married to one of the brothers and has two children. B is married to D and G is their child. Who is C?

     (1) F's father   (2) G's father   (3) E's daughter   (4) A's son

10. Some army men are standing in a column. Sepoy Sadhan Singh is standing 20th from the last and Sepoy Robin Sharma is standing 6th from the front. If there are fourteen men standing between them, how many army men are there in the column?

     (1) 39   (2) 37   (3) 40   (4) 36

     !

GENERAL KNOWLEDGE & CURRENT AFFAIRS

1. Which state celebrated its 57th Liberation Day on December 19, 2018?

     (1) Goa   (2) Himachal Pradesh   (3) Sikkim   (4) Andhra Pradesh

2. Mughal architecture reveals a blending of

     (1) Indian and Persian styles.   (2) Turkish and Persian styles.
     (3) Turkish and Afghan styles.   (4) Timurid and Indian styles.

3. Suez Canal joins

     (1) Red Sea and Arabian Sea.   (2) Red Sea and Mediterranean Sea.
     (3) Arabian Sea and Mediterranean Sea.   (4) North Sea and Baltic Sea.

4. Which Indian wrestler became the first Indian women to win gold at the Senior Asian Championship held in Kyrgyzstan in March 2018?

     (1) Navjot Kaur   (2) Sakshi Malik   (3) Babita Kumari   (4) Vinesh Phogat

5. What is the tenure of the Chief Election Commissioner of India?

     (1) Five Years
     (2) During the pleasure of the President
     (3) Six years or till the age of 65 years whichever is earlier.

(4) Five Years or till the age of 65 years whichever is earlier?

6. Which Indian girl has won the Miss Deaf Asia 2018 crown at an international pageant held in Prague in October 2018?
    (1) Deshna Jain   (2) Nishtha Dudeja
    (3) Meenakshi Chaudhary   (4) None of these

7. Mr Alyque Padamsee, who passed away recently at the age of 90, was the famous Indian _____.
    (1) ad film maker   (2) novelist & writer
    (3) football coach   (4) None of these

8. The Rajya Sabha (the upper house of the Parliament of India) can be dissolved by
    (1) Lok Sabha.   (2) Constitutional amendment.
    (3) President.   (4) None of these

9. One end of the axis of rotation of the Earth points towards
    (1) the Moon.   (2) the Pole Star.   (3) the Sun.   (4) Venus.

10. Which country won the 2018 FIFA World Cup?
    (1) France   (2) England   (3) Brazil   (4) Argentina

MANAGEMENT APTITUDE TEST

1. The Adline 'Inspire the Next' is associated with_____.
    (1) Kenstar   (2) Hitachi   (3) Videocon   (4) Samsung

2. 'United Colors of Benetton', the leading international brand in Clothing, Accessories and Footwear is based in
    (1) France.   (2) Italy.   (3) Germany.   (4) UK.

3. Which of the following corporations that own and operate luxury hotels in India is a Government of India undertaking?
    (1) EIHL   (2) IHCL   (3) ITDC   (4) Bharat Hotels Ltd.

4. Allen Solly is a brand of apperal from which business house?
    (1) Lalbhai Group   (2) Aditya Birla Group (3) Reliance Group (4) None of these

5. 'Make Believe' is the punch line of which MNC?

(1) Phillips   (2) Panasonic (3) Sony   (4) Toshiba

6. The 'croma', well known Indian Electronics Mega Store belongs to which enterprise?
 (1) Tata Group   (2) Reliance Ind   (3) HCL Technologies (4) Bharti Enterprises

7. _____ is called 'Golden Fibre' in Indian textile industry?
 (1) Cotton   (2) Silk   (3) Jute   (4) Wool

8. 'NEBULA', the 18 K solid gold watch is marketed by which one of the following companies?
 (1) Maxima   (2) Casio   (3) Citizen   (4) Titan

9. 'FORTUNE Signature', the popular collection of men's shoes, is from the house of
 (1) Bata   (2) Liberty   (3) Woodland (4) Nike

10. 'Nano' car belongs to which automobile company?
 (1) Tata Motors (2) Maruti Suzuki (3) Hyundai (4) Honda