

Sample Questions for PG Programme

***THE SAMPLE QUESTIONS/GUIDELINES ARE ONLY
INFORMATIVE AND INDICATIVE.***

***THE ACTUAL QUESTIONS MAY VARY IN DIFFICULTY
LEVEL AND CONTENT DISPERSION.***

ENGLISH COMPREHENSION

Directions (Questions 1 – 2): Read the passage and answer the questions that follow.

An expert group has sounded a timely warning on what ‘environmentally destructive tourism’ will mean to national parks and wildlife sanctuaries and the objectives they are supposed to serve. Given the unique and rare wildlife the country has been endowed with, the rationale for using the resources for attracting tourists from abroad is unassailable. This necessarily postulates that the flora and the fauna should be protected and conserved. As a matter of fact, much of the government’s interest in wildlife preservation has to do with the tremendous prospect of tourist traffic on that account. Yet the risk of the revenue-earning motivation overrunning the conservation imperatives is very real, the lure of the coveted foreign exchange that goes with this business only serving to enhancing it several folds. Even with the tourist inflow far below the potential, the pressure of visitors is said to have been already felt on the tiger reserves. With the Government of India’s declared intent to boost tourism quite justified for its own reasons, the need for eliminating the risk assumes a greater sense of urgency. The study team has noted that most of the 41 national parks and 165 wildlife sanctuaries surveyed are open to tourists. The less frequented among them may not require special attention immediately in this respect as much as the ones that are major tourists attraction do. These include the Sanjay National Park in Maharashtra, Nandankanan in Orissa, and Bannerghatta in Karnataka. Over a year ago, the Indian Board of Wildlife expressed concern over the booming danger, and decided that the core areas of national parks and sanctuaries should be kept totally free from biotic disturbances, and the visitors be permitted to view the wildlife only from areas marked out for the purpose. And now, the expert group has come up with the suggestion that a case by case evaluation be done of the ‘capacity’ as well as the ‘limitations’ of all the national parks and wildlife sanctuaries and based on such assessment an area-specific plan for tourist promotion within the ‘safety’ norms be charted. That this is the most scientific way of going about the job, and that there is no time to lose can be readily conceded.

1. The government shows keen interest in wild life preservation because

- (1) it would bring in heavy foreign currency into the country.
- (2) it wants to preserve the national parks and wildlife sanctuaries.
- (3) to solve the problem of unemployment.
- (4) of its interest in international tourism.

2. By using the expression “environmentally destructive tourism”, the author means

- (1) the preservation of the wild beasts.
- (2) destruction of the wildlife and sanctuaries.
- (3) destroying the attractive sources of wild animals and birds.
- (4) the maintenance of the flora and fauna of the country.

ENGLISH LANGUAGE ABILITY

Directions: Choose the word which is opposite in meaning of the word underlined in the sentence.

1. The two friends were distinct in everything; dress, manners, hair-style and food habits.
(1) similar (2) uniform (3) opposite (4) different

Directions: A sentence has been broken into four parts. Choose the part that has an error in it.

2. (1) The power of displaying the grandeur of his patroness
(2) to his wondering visitors,
(3) and of letting it see her civility towards himself and his wife,
(4) was exactly what he had wished for.

Directions: Choose the option that is the plural form of the given word.

3. Syllabus
(1) syllabus (2) syllabi (3) syllabus' (4) syllabuses

Directions: Choose the option which can be substituted for the given words/sentence.

4. A room leading into a large room or hall
(1) Anteroom (2) Lounge (3) Lobby (4) Pantry

Directions: Choose the option which best expresses the meaning of the idiom/phrase in bold in the sentence.

5. The aroma from the kitchen makes **my mouth water**.
(1) makes me sick (2) makes me giddy
(3) makes me vomit (4) stimulates my appetite

Directions: A word has been written in four different ways out of which only one is correctly spelt. Choose the correctly spelt word.

6. (1) sedantry (2) sedentery (3) sedentary (4) sedantary

PG PROGRAMME

LOGICAL REASONING

1. Complete the series by replacing the "?" mark.

2, 38, 3, 114, 4, "?"

(1) 228

(2) 256

(3) 352

(4) 456

2. The door of Aditya's house faces the East. From the back side of his house, he walks straight 50 metres, then turns to the right and walks 50 metres again. Finally, he turns towards left and stops after walking 25 metres. Now, Aditya is in which direction from the starting point?

(1) South-East

(2) North-East

(3) South-West

(4) North-West

3. Ajay is the brother of Vijay. Mili is the Sister of Ajay. Sanjay is the brother of Rahul and Mehul is the daughter of Vijay. Who is Sanjay's Uncle?

(1) Rahul

(2) Mehul

(3) Data inadequate

(4) Vijay

Directions : This question given below consists of pair of words bearing a relationship between them. From amongst the alternatives, select the option that best illustrates a similar relationship.

4. RIVER : OCEAN

(1) Child : School

(2) Book : Library

(3) Lane : Road

(4) Cloth : Body

5. In a certain code language, BORN is written as APQON and LACK is written as KBBLK. How will the word GRID be written in that code language?

(1) FSHCD

(2) HSJED

(3) FOHCD

(4) None of these

6. A man pointing to a photograph says, "The lady in the photograph is my nephew's maternal grandmother." How is the lady in the photograph related to the man's sister who has no other sister?

(1) Cousin

(2) Sister-in-law

(3) Mother

(4) Mother-in-law

PG PROGRAMME

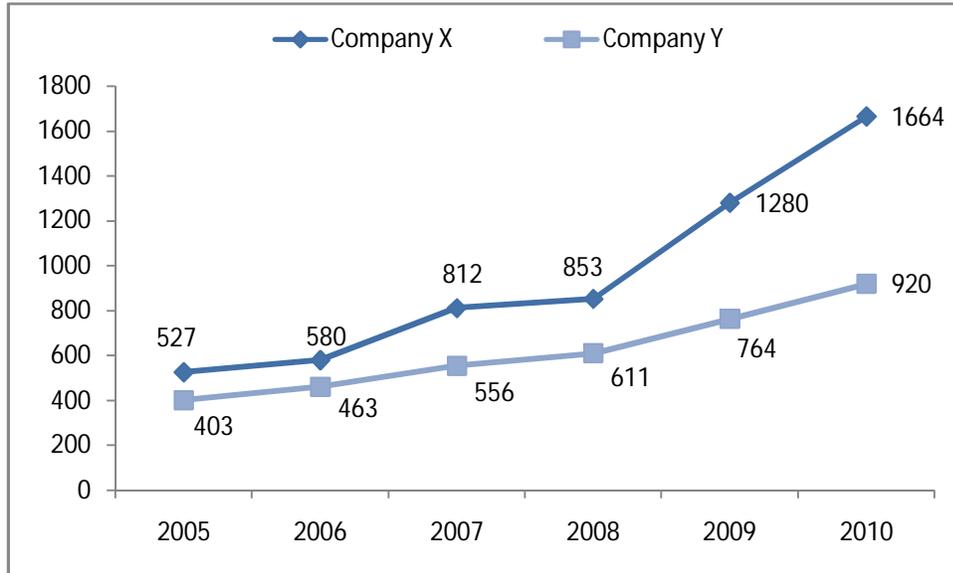
QUANTITATIVE ABILITY

1. What must be subtracted from the sum of $29\frac{5}{7}$ and $19\frac{4}{5}$ to have a remainder equal to their difference?
(1) $39\frac{3}{5}$ (2) 6 (3) $30\frac{6}{7}$ (4) None of these
2. A cask containing 425 litres lost 8% by leakage. How many litres were left in the cask?
(1) 34 litres (2) 391 litres (3) 334 litres (4) 389 litres
3. Ram and Mohan appeared in an examination. If the difference of their marks is 60 and percentage difference of their marks is given as 30. What is the full marks for which examination has been held?
(1) 200 (2) 300 (3) 150 (4) 125
4. Two vessels contain equal quantity of mixtures of milk and water in the ratio 5 : 2 and 6 : 1 respectively. Both the mixtures are now mixed thoroughly. What is the ratio of milk to water in the new mixture so obtained?
(1) 11 : 3 (2) 13 : 11 (3) 2 : 1 (4) 5 : 7
5. A and B together can do a piece of work in 6 days and A alone can do it in 9 days. In how many days can B alone do it?
(1) 16 days (2) 18 days (3) 5 days (4) 17 days
6. If simple interest on ₹2000 increases by ₹40 when the rate percent increases by 2% per annum, what is the time period?
(1) 2 years (2) 1 year (3) 6 years (4) None of these

DATA INTERPRETATION

Directions (Questions 1 – 3): Study the graph below to answer these questions.

The graph shows the number of computers sold by company X and Company Y during the given period.



1. If the percentage increase in the number of computer sold by Company X from 2008 to 2009 had continued till 2010, how many more computers would have been sold in 2010?

- (1) 480 (2) 640 (3) 500 (4) 256

2. During which of the given years was the percentage increase in number of computers sold by Company Y over the previous year the highest?

- (1) 2006 (2) 2007 (3) 2008 (4) 2009

3. What is the ratio of the number of computers sold by company X and that by company Y in the year 2005?

- (1) 12 : 17 (2) 13 : 17 (3) 17 : 13 (4) 17 : 12

DESIGN APTITUDE TEST (DAT)

1. Design a Postage-Stamp with the theme as Olympic Games 2012. Explain in a few words, a minimum of four important characteristics of the stamp and four reasons for your design concept.
2. Design a tabletop calendar representing any three consecutive months. Emphasis should be on the layout, placements and utility.
3. Make five line drawings representing five different stages respectively, of any one of the following:
 - a. A lit candle, of five-inch length, completely burning and melting in twenty minutes.
 - b. Your own face at age of 5, 15, 25, 40 and 60 years respectively.