

SAMPLE QUESTIONS

BACHELOR 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. Find out the mean proportion between 0.08 and 0.72.
(1) 0.16 (2) 0.024 (3) 0.09 (4) 0.24
- Q2. The simple interest on Rs. 200 for 7 months at 5 paisa per rupee per month is_____.
(1) Rs.70 (2) Rs.7 (3) Rs. 35 (4) Rs.30.50
- Q3. Average of 11 observations is 30. Average of first five observations is 25 and last five is 28. Find 6th term.
(1) 60 (2) 65 (3) 75 (4) 78
- Q4. Reema sells a car at 8% profit for Rs. 216000. If she sells it at Rs. 230000, then what will be her profit percent?
(1) 9% (2) 12% (3) 15% (4) 18%
- Q5. When the length of arc is 20 cm and radius of sector of a circle is 7 cm, then area of sector will be _____.
(1) 7 cm^2 (2) 14 cm^2 (3) 21 cm^2 (4) 70 cm^2

VERBAL ABILITY

Directions (Question 1): Study the given passage to answer the question that follows the passage.

Passage

More than a century later, the Earth seems to be literally falling to pieces — recent environmental setbacks include billions of tonnes of ice shelves breaking off in the Antarctic and unusually warm temperatures in different parts of the world. Panic reactions range from predictions of sinking islands to lamenting the ill-effects of global warming induced by release of greenhouse gases into the atmosphere. The trouble is that we are too obsessed with the climate change problem to even acknowledge the fact that the state of the planet hinges on much more. Climate change is at best a symptom of a far more complex malaise, just as a fever is most often only an indicator of something that's gone awry in our body. It's time for a complete and comprehensive planetary health check, that will examine the impacts of change in land use, loss of biodiversity, use of fertilizers and pesticides and consistent pollution of water bodies. This would overcome the limitations of evaluating how

ecosystems work by reacting to just one major environmental concern as is happening in the case of global warming. These considerations have been responsible for the setting up of an international panel, the Millennium Ecosystem Assessment. Financed by four major international bodies, including the UN and the World Bank, the eco-panel was set up without much fuss last June, and is expected to determine, over a period of four years and at a cost of \$21 million, the state of the Earth's ecosystems. The eco-panel will source inputs from more than 2,000 natural and social scientists the world over. Put simply, the Earth will go through the equivalent of a thorough physical, so that biological, economic and social information can be collated to help scientists arrive at a final diagnosis. The newly-constituted eco-panel will have to ensure that data collection is more representative of the regions of the world. Today, we have the advantage of sourcing data from remote sensing satellites as well. The information thus gathered would have to be sorted out and analyzed by specialists and also by generalists.

Q1. What will be the task of the newly constituted eco-panel?

- (1) To sort out the information gathered.
- (2) To collect appropriate data for different regions of the world.
- (3) To manage the finances of the whole collection activity.
- (4) To stop making panic reactions regarding climatic change.

Directions (Question 2): *Fill in the blank.*

Q2. He stands _____ what he has done.

- (1) upon (2) for (3) on (4) at

Directions (Question 3): *Choose the word which best expresses the similar meaning of the underlined word in the sentence.*

Q3. In an attempt to mitigate the severity of his punishment, he pleaded guilty to the charge.

- (1) increase (2) provoke (3) avoid (4) lessen

Directions (Question 4): *Choose the word which is closest to the opposite in meaning of the underlined word in the sentence.*

Q4. The question he asked was so absurd.

- (1) fictional (2) proportional (3) rational (4) useless

Directions (Question 5): *A word has been written in four different ways out of which only one is correctly spelt. Choose the correctly spelt word.*

Q5. (1) Accomodation (2) Acommodation (3) Accommodation (4) Accommodacian

GENERAL AWARENESS

- Q1. Durand Cup is associated with which sports/games played in India
(1) Football (2) Badminton (3) Cricket (4) Golf
- Q2. Who wrote the popular book 'Gitanjali'?
(1) Mahatma Gandhi (2) Rabindranath Tagore
(3) Pt Jawahar Lal Nehru (4) R K Narayan
- Q3. Name the scientist who discovered the vaccine for small pox?
(1) Edward Jenner (2) Louis Pasteur (3) A Flemming (4) J Mendal
- Q4. In computers, what is called as 'nibble'?
(1) 4 bits (2) 8 bits (3) 4 bytes (4) 8 bytes
- Q5. Which Indian State is popularly called as 'Spice Garden of India'?
(1) Nagaland (2) Kerala (3) Assam (4) Karnataka

BUSINESS APTITUDE TEST

- Q1. The world popular sportswear brand "Puma" is from _____.
(1) Canada (2) India (3) Germany (4) USA
- Q2. The given pictorial logo belongs to which Indian private bank?



- (1) Kotak Mahindra Bank (2) Union Bank (3) IDBI Bank (4) Axis Bank
- Q3. What is full form of FDI in economics?
(1) Foreign Direct Investment (2) Foreign Development Initiative
(3) Funding in Development of Industries (4) None of these
- Q4. The appliqué work of Pipli is a well-known handicraft art in ___ and its surrounding area in India.
(1) Mirzapur (2) Kolhapur (3) Puri (4) Udaipur
- Q5. Which of the following taglines belongs to the popular electronic brand 'LG'?
(1) Neighbor's Envy, Owner's Pride (2) Think Different
(3) Life's Good (4) Want it. Get it.

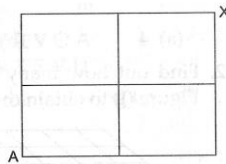
DESIGN APTITUDE TEST

Q1. How many corners have in the figure given below?



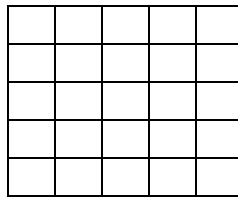
- (1) 6 (2) 12 (3) 15 (4) 18

Q2. In the figure shown below, how many paths are there from A to X if the only ways to move are up and to the right?



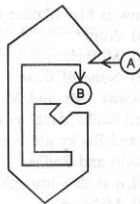
- (1) 4 (2) 5 (3) 6 (4) 9

Q3. Find the number of squares that can be formed in the following figure.



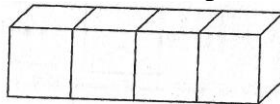
- (1) 25 (2) 30 (3) 45 (4) 55

Q4. In the given figure, if a person starts walking from point A and wants to reach point B, in how many directions will that person have to walk?



- (1) 4 (2) 8 (3) 10 (4) 12

Q5. Vijay glued 4 white cubes together as shown in the figure below. Then he painted the entire figure red. How many faces of the 4 cubes were painted red?



- (1) 4 (2) 10 (3) 18 (4) 24

SAMPLE QUESTIONS

BACHELOR 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 natural numbers are in the ratio 2 : 3 : 4. If the sum of squares of these numbers is 116, then determine the numbers.
(1) 2, 3, 4 (2) 4, 6, 8 (3) 6, 9, 12 (4) 8, 12, 16

2. Shiv takes $2\frac{1}{5}$ minutes to walk across the school ground. Sapan takes $\frac{7}{4}$ minutes to do the same. Who takes less time and by what fraction?
(1) Sapan, $\frac{9}{20}$ (2) Shiv, $\frac{9}{20}$ (3) Sapan, $\frac{3}{10}$ (4) Shiv, $\frac{3}{10}$

3. X's income is 40% more than Y's income. How much percent is Y's income less than X's?
(1) $28\frac{2}{7}\%$ (2) $26\frac{1}{3}\%$ (3) $28\frac{4}{7}\%$ (4) $26\frac{2}{3}\%$

4. The entry fee for a musical concert was ₹ 1, later it was reduced by 20% which increased the net collection of the amount by 40%. The increase in the number of visitors is
(1) $72\frac{1}{3}\%$ (2) $74\frac{1}{3}\%$ (3) 75% (4) $76\frac{1}{3}\%$

5. Two equal sums of money were lent at simple interest at 10% per annum for 4 years and 5 years respectively. If the difference in interests for two periods was ₹ 220, then each sum is
(1) ₹ 880 (2) ₹ 1100 (3) ₹ 2200 (4) ₹ 1640

6. A sum of money amounts to ₹ 6272 in 2 years and ₹ 7024.64 in 3 years. The rate of interest per annum is
(1) 8% per annum (2) 12% per annum (3) 6% per annum (4) 10% per annum

7. A and B can do a piece of work in 12 days, B and C can do it in 15 days and C and A can do the same work in 20 days. Find the number of days in which A alone can do the same work.
(1) 20 days (2) 30 days (3) 45 days (4) 60 days

8. There is a leak in the bottom of a cistern. When the cistern is in through repair, it would be filled in $3\frac{1}{2}$ h. It now takes half an hour longer. If the cistern is full, how long would the leak empty the cistern?
(1) 28 h (2) 29 h (3) 30 h (4) 31 h
9. If all the members of a team are juniors or seniors and if the ratio of juniors to seniors in the team is 3 : 5. What per cent of the team members constitute the seniors?
(1) 37.5% (2) 62.5% (3) 63.2% (4) 35.7%
10. A train 150 m long is running at 40 km/h. In what time will it pass a man running at 4 km/h in the same direction in which the train is going?
(1) 16 sec (2) 12 sec (3) 15 sec (4) 18 sec

Verbal Ability

Directions: Read the passage carefully and answer the following question.

Passage

Shopping malls, supermarkets and large format retail stores may be sprouting all over the country, but there are still a large number of entrepreneurs who would rather not sell their wares through the usual retail channels. They prefer selling directly through trade exhibitions, which are attracting an increasing number of footfalls. Scores of exhibitions are held each year in all parts of the country, big cities and small. Some of the largest exhibitions held in the country are trade events held by the CII, IT and software expositions held by Nasscom, MAIT - manufacturers association show, and expositions which cater to interior designs and automobiles, etc. "Publications are also starting to get into the exhibitions business in a big way," says Hemanshu Chitnis, Director of Exhibitions and Expositions International (Business India and Times of India exhibitions are among the largest). Those who exhibit their goods are happy too; says fashion and textile designer Bhamini Subramaniam, who took part recently in the Femina Trunk Show of designer wear along with designers like Krishna Mehta, Narendra Kumar Ahmed, Naheed Merchant and Pranavi Kapoor from Delhi: "Large retail outlets have a fixed 40 per cent mark up on designer apparel which they take on a consignment basis. At exhibitions the only cost incurred is the one-time fee for the stall and there's no price loads for consumers." Also we don't have to deal with credit in any form which enables us complete monitoring over stocks, she adds. Explains Piyush Gupta, Director of GNH systems, an importer of Chinese electronic gadgets, "The whole retailing system is very complex in India and there are middlemen at every stage. They add their profit margin and the extra cost is borne by the customer."

1. Exhibitions are better options than the Retail Outlets because
 - (1) the only cost involved in exhibitions is one-time fee for the stall.
 - (2) no price loads for the consumers.
 - (3) no middleman at any stage.
 - (4) None of these

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

2.
 - (1) The sky was blue, the larks were soaring high
 - (2) over the green corn, I thought all that
 - (3) countryside more beautiful and peaceful
 - (4) by far then I had ever known it as yet.

Directions: *Choose the word which best expresses the meaning of the underlined word in the sentence.*

3. The American policy did much to escalate the conflict.
 - (1) spread in a wider area
 - (2) scale up
 - (3) reduce in intensity
 - (4) put an end to

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

4. He has a delicate constitution.
 - (1) fit
 - (2) ungainly
 - (3) strong
 - (4) rugged

Directions: *Choose the option which best expresses the meaning of the underlined part in the sentence.*

5. If you pass this difficult examination, it will be a feather in your cap.
 - (1) you will get a very good job
 - (2) you will feel proud of it
 - (3) your parents will be very happy
 - (4) you will get a scholarship for higher studies

Directions: *In this question, fill in the blank with most appropriate word from the given alternatives to complete the sentences meaningfully.*

6. A new shop _____ opened in the building, since last week.
 - (1) will be
 - (2) has been
 - (3) is
 - (4) would be

Directions: *In the question four sentences are given. Choose the sentence which is grammatically wrong.*

7.
 - (1) She had finished her work when I met her.
 - (2) Do you believe in God?
 - (3) He cut his hand with a knife.
 - (4) All the above.

Directions: A related pair of words or phrases is given below. The pair is followed by four other pairs of words. Choose the pair that best expresses the relationship as by the original pair.

8. Harm : Damage

(1) sweet : sour

(2) stout : weak

(3) injure : incapacitate

(4) hook : crook

Directions: In each of these questions, choose the option which can be substituted for the given words.

9. To examine one's own thoughts and feelings

(1) Meditation

(2) Retrospection

(3) Reflection

(4) Introspection

Directions: In this question, a sentence has been given in Direct/Indirect Speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct Speech.

10. He said to his servant, "Why are you so lazy today?"

(1) He asked his servant why he was so lazy that day.

(2) He asked his servant why he had been so lazy that day.

(3) He asked his servant why he was being so lazy that day.

(4) He asked his servant why was he so lazy that day.

Directions: Choose the order of the sentences marked A, B, C and D to form a logical paragraph.

11. A The number of countries dependent on the import of food grains is increasing.

B Developed country farmers reproduce and export at a low price with help from enormous subsidies from their governments.

C The UN food and agriculture organization says most poor countries will be dependent on food imports from rich countries by 2030.

D Cheap imports depress local prices, make farming unviable and make a country import dependent.

(1) DBCA

(2) BCDA

(3) CBAD

(4) ACBD

Directions: Choose the option which gives the best way of writing the sentence ensuring that the message is correctly conveyed.

12. (1) The fundamentals of the economy have been looking very good in the recent past.

(2) The fundamentals on the economy has been looking very good in the recently.

(3) The fundamental in the economy have been looking very good in the recent past.

(4) The fundamentals of the economy has been looking very good in the recent past.

General Awareness

1. The well-known book 'The Rediscovery of India' has been written by _____.
(1) Aravind Adiga (2) Anita Desai (3) Meghnad Desai (4) Vikram Seth
2. Sultan Azlan Shah Cup is associated with the game of _____.
(1) Football (2) Cricket (3) Badminton (4) Hockey
3. Dudhwa National Park is located in _____.
(1) Uttarakhand (2) U.P. (3) M.P. (4) West Bengal
4. In which of the following states, Hornbill festival is organized every year in the month of December?
(1) Meghalaya (2) Goa (3) Manipur (4) Nagaland
5. High Court of Uttarakhand is located at _____.
(1) Nainital (2) Dehradun (3) Haridwar (4) Pauri
6. Bleaching powder is made from _____.
(1) sulphur dioxide and gypsum. (2) chlorine and charcoal.
(3) soda ash and lime. (4) lime and chlorine.
7. Famous tourist spot 'Elephanta Caves' founded by Rashtrakutas is located in _____.
(1) Mumbai (2) Bhopal (3) Bhubaneswar (4) Puducherry
8. If a Minister of a state wants to resign, to whom he should address the letter of resignation?
(1) Chief Minister of State (2) Speaker of Vidhan Sabha
(3) Governor of the State (4) Leader of his political party
9. In which direction from Port Blair is 'Barren Island' situated?
(1) North (2) South-west (3) South (4) North-east
10. Which boundary line demarcates the boundaries of India and China?
(1) 24th Parallel (2) Radcliffe Line (3) McMahon Line (4) Durand Line

Business Aptitude Test

1. “Westside” Stores is an enterprise of _____.
(1) Raymond (2) Tatas (3) Aditya Birla Group (4) None of these
2. K L M Airlines belongs to which country?
(1) France (2) The Netherlands (3) Australia (4) Germany
3. The luxury chain Vivanta Hotels & Resorts is a brand owned by _____.
(1) Ashok Group (2) Taj Group (3) Bharat Hotels (4) Oberoi Group
4. IRDA stands for
(1) Indian Rural Development Authority.
(2) Insurance Regulations and Development Authority.
(3) Insurance Rules and Deciding Authority.
(4) Insurance Regulatory Development Authority.
5. 'Inspire the Next' is the punch line of which company?
(1) Lenovo (2) Dell (3) Hitachi (4) Sony
6. What does the “www” in any website address stand for?
(1) World Wide Web (2) World Wide Word
(3) Web Wide World (4) Web Wide Word
7. ‘Zodiac’ is a leading Indian brand of
(1) Men’s Wear. (2) Jewellery. (3) Home Furnishing. (4) Watches.
8. “Maggi” the famous food product brand belongs to which company?
(1) Hindustan Unilever Ltd (2) Nestle
(3) Parle (4) None of these
9. The ‘more mega store’, retail chain belongs to which Indian Industry?
(1) Reliance Industry (2) Bharti Enterprises
(3) Aditya Birla Group (4) None of these
10. ‘D’Décor’, the well-known international brand in fabrics and textures is endorsed by which Bollywood couple?
(1) Sanjay Dutt-Manyata (2) Shah Rukh Khan- Gauri
(3) Saif Ali Khan- Karishma Kapoor (4) Abhishek Bachchan-Aishwarya Rai

Design Aptitude test

Q1. Which of the options is the correct logo?

airtel

(1)

airtel

(2)

airtel

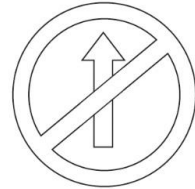
(3)

airtel

(4)

Q2. Choose the correct set of colours from given choices for the given Indian traffic sign.

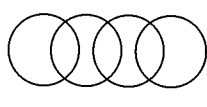
- (1) Red, Black, Green
- (2) Red, Blue, Green
- (3) Red, Black, White
- (4) Red, Black, Blue



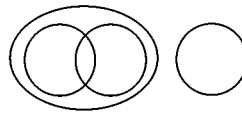
Q3. Identify the visual which represents the correct relationship between chappals (flipflops), sandals, shoes and footwear.



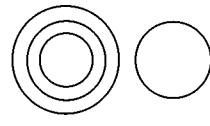
(1)



(2)



(3)



(4)

Q4. In the given figure, how many triangles are there in total?

- (1) 5
- (2) 8
- (3) 10
- (4) 12



Q5. Select the correct image of the given figure, as it will appear reflected in water.



(1)



(2)



(3)



(4)