

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

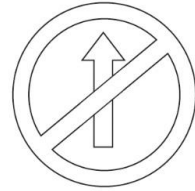
(3)

airtel

(4)

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

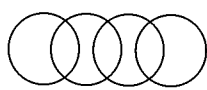
- (1) Red, Black, Green
- (2) Red, Blue, Green
- (3) Red, Black, White
- (4) Red, Black, Blue



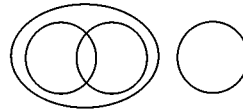
Q3. Identify the visual which represents the correct relationship between chappals (flipflops), sandals, shoes and footwear.



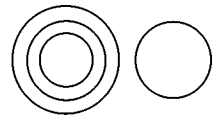
(1)



(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)