Smart, Structured & Syllabus-Aligned Content

RICE EDUCATION



PYQs

RAILWAY EXAMS

RRB NTPC UNDER GRADUATE 2025

PREVIOUS YEAR QUESTIONS 2025

Q.1 Why is legal enforceability of rules important in a society?

1. **It provides assurance that others will follow the rules.**
2. To punish minorities
3. It gives power to the police only.
4. So people can break them without fear

Q.2 Which body acts as the apex at the district level in Panchayati Raj?

1. **Zilla Parishad**
2. Panchayat Samiti
3. Municipal Corporation
4. Gram Panchayat

Q.3 Where was the 55th World Economic Forum Annual Meeting, 2025, held?

1. Belgium
2. Brazil
3. **Switzerland**
4. Peru

Q.4 Which river in Jammu and Kashmir has the world's highest railway bridge built over it?

1. Jhelum
2. **Chenab**
3. Ravi
4. Beas

Q.5 Which of the following Directive Principles of State Policy was added by the Forty-fourth Amendment Act, 1978?

1. Protection and improvement of the environment and wildlife
2. Provision for free legal aid to the poor
3. Participation of workers in industrial management
4. **Reduction of inequalities in income and status among individuals and groups**

Q.6 Identify the language which is primarily spoken in the state of Mizoram in India from the options below.

1. Lushai
2. Nissi
3. Ao
4. **Mizo**

Q.7 How does the use of renewable energy contribute to sustainable development?

1. It rapidly depletes natural ecosystems.
2. It provides unlimited profits to energy companies.
3. It increases dependency on fossil fuels.
4. **It reduces environmental pollution and conserves resources.**

Q.8 What is the name of the genome-edited rice variety developed to improve yield and productivity in May 2025?

1. Malaviya Manila Sinchit Dhan-1 and Pusa Basmati 1121
2. IR64 and Swarna Sub1
3. Samba Mahsuri and MTU 1010
4. **DRR Dhan 100 (Kamala) and Pusa DST Rice 1**

Q.9 Which colonial policy is often blamed for the decline of India's traditional handicraft industries?

1. Zamindari system
2. Green revolution
3. Doctrine of lapse
4. **De-industrialisation policy**

Q.10 Which is the deadliest species of Plasmodium that causes malaria in humans?

1. Plasmodium inui
2. Plasmodium ovale
3. Plasmodium knowlesi
4. **Plasmodium falciparum**

Q.11 Which of the following statements correctly distinguishes between the Cabinet and the Council of Ministers?

1. The Cabinet is not part of the executive, but the Council is part of the executive
2. The Cabinet is larger and includes all ministers, while the Council is a smaller group
3. **The Cabinet includes senior ministers, while the Council includes all categories of ministers**
4. The Council of Ministers does not include the Prime Minister

Q.12 The Immigration and Foreigners Bill 2025, repeals which of the following Acts?

1. The Immigration (Carriers Liability) Amendment Act, 2005
2. The Emigration Act, 1983
3. **The Passport (Entry into India) Act, 1920**
4. The Foreign Contribution (Regulation) Act, 2010

Q.13 Which of the following is a characteristic of primary memory in a computer?

1. It is slower than secondary memory.
2. It is used to back up files externally.
3. It stores data permanently.
4. **It holds data temporarily for quick access during processing.**

Q.14 What is the area around the equator called where the trade winds from both hemispheres converge?

1. Polar Front
2. Subtropical High
3. Horse Latitudes
4. **Inter-Tropical Convergence Zone (ITCZ)**

Q.15 Which neighbouring country of India is an island nation in the Indian Ocean?

1. **Maldives**
2. Nepal
3. Myanmar
4. Bhutan

Q.16 Which of the following is an example of an operating system commonly used on laptops?

1. Microsoft Word
2. Adobe Photoshop
3. **Windows 11**
4. Google Chrome

Q.17 What feature of Indus Valley town planning indicates advanced civic amenities and engineering skills of the civilisation?

1. Underground railways
2. **Drainage systems**
3. Temples

4. Rock-cut caves

Q.18 What was India's rank in the Global Gender Gap Report, 2025?

1. 130th out of 147 nations
2. **131st out of 148 nations**
3. 129th out of 148 nations
4. 135th out of 150 nations

Q.19 With which country did India conduct a joint military exercise called 'Cyclone-III' at Mahajan Field Firing Range in Rajasthan in February 2025?

1. Singapore
2. France
3. **Egypt**
4. Japan

Q.20 Which public sector organisation is the largest provider of surface transport services in India?

1. Shipping Corporation of India
2. National Highways Authority of India (NHAI)
3. **Indian Railways**
4. State Transport Corporation

Q.21 Which of the following Articles of the Indian Constitution defines the money bill?

1. Article 112
2. **Article 110**
3. Article 117
4. Article 105

Q.22 The term 'License Raj' is related to which sector of the Indian economy?

1. Services
2. Foreign Trade
3. **Industry**
4. Agriculture

Q.23 Who was sworn in as the Minister of Education, Women and Child Development in the 2025 Delhi cabinet?

1. Meenakshi Lekhi
2. Manjinder Singh Sirsa
3. **Rekha Gupta**
4. Ashish Sood

Q.24 In May 2025, an Indian medical team contributed to an international study demonstrating that AI can predict life-threatening heart arrhythmias up to two weeks in advance. Which condition was the AI model primarily designed to predict?

1. **Fast Ventricular Tachycardia**
2. Bradycardia
3. Heart Block
4. Atrial Fibrillation

Q.25 In May 2025, who took charge as the new Vice Chief of the Air Staff?

1. Air Marshal Vijay Kumar Garg
2. **Air Marshal Narmdeshwar Tiwari**
3. Air Marshal Sujeet Pushpakar Dharkar
4. Air Marshal Nagesh Kapoor

Q.26 Who among the following was arrested and imprisoned for refusing to give evidence against Aurobindo Ghosh in the Bande Mataram conspiracy case?

1. Garimella Satyanarayana
2. Kanaiyalal Maneklal Munshi
3. **Bipin Chandra Pal**
4. Peer Ali Khan

Q.27 Which team did the United States defeat to win the gold medal at the 2025 International Ice Hockey Federation (IIHF) World Championship?

1. **Switzerland**
2. Canada
3. Sweden
4. Finland

Q.28 The Devi Movement took place in which of the following regions of India?

1. Western Maharashtra
2. North Gujarat
3. **South Gujarat**
4. Eastern Madhya Pradesh

Q.29 Why is the iron and steel industry called a basic industry?

1. **Because it provides essential raw materials, machinery, and tools to a wide range of other industries**
2. Because it processes naturally available iron ores
3. Because it mainly produces household consumer items
4. Because it provides raw materials for other industries

Q.30 In February 2021, which of the following was amended, enabling the Ministry of Road Transport and Highways to also look after the development of Ropeways and Alternate Mobility Solutions?

1. Government of India (Allocation of Business) Rules 1951
2. Government of India (Allocation of Business) Rules 1981
3. **Government of India (Allocation of Business) Rules 1961**
4. Government of India (Allocation of Business) Rules 1971

Q.31 Where is the Genome India data officially hosted during its launch in 2025?

1. National Genome Archive
2. Health Tech Data Repository
3. Indian Science Informatics Centre
4. **Indian Biological Data Centre**

Q.32 What is the focus of the Scheme of Human Resources Development in Sports?

1. **Training and development of sports professionals**
2. Building swimming pools for agile swimmers
3. Construction of gyms in every part of India
4. Establishing fitness clubs for youngsters

Q.33 Which of the following locations was among the venues that hosted the inaugural Khelo India Beach Games in 2025?

1. **Diu**
2. Chennai
3. Kochi
4. Goa

Q.34 What does privatisation mean in the Indian economic context?

1. Giving more subsidies to farmers
2. Making all jobs government-based

3. Nationalising all banks
4. **Selling government companies to private companies**

Q.35 In January 2025, how many sportspeople were awarded with the Major Dhyan Chand Khel Ratna Award for the year 2024?

1. 03
2. 04
3. 06
4. **05**

Q.36 Which of the following continents is located entirely in the Southern Hemisphere?

1. South America
2. **Australia**
3. Africa
4. Europe

Q.37 Which of the following Vedas mentions the names of some learned ladies like Viswavara, Apala and Ghosa who composed mantras and attained the rank of Rishis?

1. **The Rigveda**
2. The Samaveda
3. The Yajurveda
4. The Atharvaveda

Q.38 Which of the following elements is found in the p-block?

1. Barium
2. Chromium
3. **Nitrogen**
4. Sodium

Q.39 What is the phenomenon called when a wire passes through a block of ice without splitting it and the water refreezes after the wire passes?

1. Fusion
2. Condensation
3. **Regelation**
4. Sublimation

Q.40 Who among the following promoted, raised funds for and ran the Swadeshi Steam Navigation Company (SSNCo) from Tuticorin, a coastal town in southern Tamil Nadu, to take on the might of the British India Steam Navigation Company?

1. Garimella Satyanarayana
2. Velu Nachiyar
3. Alluri Sitarama Raju
4. **VO Chidambaram Pillai**

Section: Mathematics

Q.1 If the 6-digit number N29M11 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

1. **$M - N = 7$**
2. $M = N$
3. $M - N = 1$
4. $M + N = -7$

Q.2 A cylinder has its radius reduced by 20% while its height is increased by 40%. What is the percentage change in its volume?

1. **10.4% decrease**
2. No increase or decrease
3. 14.2% increase
4. 12% increase

Q.3 The average of first 154 even numbers is

1. 156
2. 154.5
3. **155**
4. 155.5

Q.4 By availing two successive discounts of 20% and 10%, a customer got a discount of ₹23,800. Determine the marked price of the item.

1. ₹75,000
2. ₹80,000
3. ₹90,000
4. **₹85,000**

Q.5 Given that 103^{0.2} = x$, 103^{0.43} = y and x^z = y^6, then the value of z is close to:

1. **12.9**
2. 11.74
3. 12.45
4. 14.16

Q.6 4 years ago, the age of a father was 37 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

1. **31**
2. 33
3. 30
4. 35

Q.7 ABCD is a quadrilateral in which AB parallel DC, and E and F are the mid points of the diagonals AC and BD, respectively. If AB = 45cm, BC = 96cm, $DC = 53cm, and $AD = 37cm, then what is the length (in cm) of EF?

1. **4**
2. 3
3. 7
4. 5

Q.8 Mohan and Nishant start a business. Mohan invests ₹89,000 more than Nishant for 3 months and Nishant invests for 2 months. Mohan's share is ₹1,070 more than that of Nishant, out of a total profit of ₹4,280. Find the capital contributed by Mohan.

1. ₹8,60,000
2. ₹8,10,000
3. **₹8,90,000**
4. ₹8,20,000

Q.9 A number, when increased by 100%, gives 2800. The number is:

1. **1400**
2. 2800
3. 700
4. 4200

Q.10 Simplify x(7x - 4) + 2(x^2 - 2) + 11.

1. **9x^2 - 4x + 7$**
2. 9x^2 - 4x - 7$
3. -9x^2 - 4x - 7$
4. -9x^2 - 4x + 7$

Q.11 Simplify: cos a{1 + \sin a} + {1 - \sin a}cos a

1. sin a
2. cos^2 a
3. 1
4. **0**

Q.12 Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 12 February 2024 and withdrawn on 13 April 2024.

1. 51
2. 49
3. 48
4. **50**

Q.13 Evaluate 182^2.

1. 33084
2. 33074
3. 33094
4. **33124**

Q.14 The population of a district is 356000, out of which 178000 are males. 39% of the population is literate. If 59% males are literate, then what percentage of females are literate?

1. 16%
2. 17%
3. 21%
4. **19%**

Q.15 An amount of ₹638 is divided among three persons in the ratio of 5 : 17 : 7. The difference between the largest and the smallest shares (in ₹) in the distribution is:

1. 331
2. **264**
3. 170
4. 190

Q.16 The number of prime numbers lying between 393 and 401, both included, is:

1. 1
2. 3
3. 7
4. **2**

Q.17 The number 956169 is divisible by which of the following?

1. **3**
2. 12
3. 2
4. 4

Q.18 The sum of the squares of two consecutive even natural numbers is 1460. The sum of the numbers is:

1. 56
2. 58

3. 54
4. **60**

Q.19 If 40% of first number is equal to two-sevenths of second number, what is the ratio of first number to the second number?

1. **5:7**
2. 4:8
3. 1:9
4. 8:4

Q.20 An article is marked at ₹4,000. Two successive discounts of 25% and 20% are given. What is the final price?

1. ₹2,500
2. **₹2,400**
3. ₹2,560
4. ₹2,600

Q.21 A cylindrical rod has an outer curved surface area of 2200cm^2. If the length of the rod is 16 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is: (Take pi = 22/7)

1. 23.95
2. **21.88**
3. 23.29
4. 21.09

Q.22 A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus takes a total time of 5 hours 30 minutes. He would have gained 3 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

1. 7 hours 15 minutes
2. **8 hours 30 minutes**
3. 8 hours 45 minutes
4. 9 hours 30 minutes

Q.23 The selling price of 50 books is equal to the cost price of 19 books. Find the loss or gain percentage.

1. 100/31% gain
2. 62% gain
3. **62% loss**
4. 4*{10/31}%loss

Q.24 The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 74 kg and 36 kg is:

1. 52
2. 50
3. **51**
4. 53

Q.25 The number 861616843 is divisible by which of the following?

1. **43**
2. 36
3. 50
4. 47

Q.26 Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 5.5 years at 16% per annum rate of interest.

1. 452

2. 402
3. **352**
4. 332

Q.27 Lokesh and Manoj can complete a certain piece of work in 11 and 15 days, respectively. They started to work together, and after 5 days, Manoj left. In how many days will Lokesh complete the remaining work?

1. **2*(1/3)**
2. 2*(2/3)
3. 7*(1/3)
4. 7*(2/3)

Q.28 Pipe A can fill a tank in 11 hours, pipe B can fill the same tank in 26 hours and pipe C can fill the same tank in 12 hours. The time taken by them to fill the same tank if they work together is:

1. **4*(256/365) hours**
2. 7*(256/365) hours
3. 10*(256/365) hours
4. 44*(256/365) hours

Q.29 Yash travels 252 km at 63 km/hr, the next 891 km at 99 km/hr and the next 183 km at 61 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

1. 88.59
2. 84.55
3. **82.88**
4. 79.83

Q.30 Himanshi bought a toy for ₹199, decorated it at a cost of ₹9, and sold the toy for ₹231. Find the loss or gain percentage.

1. 585/52 %loss
2. 575/52 %loss
3. **575/52 %profit**
4. 575 %profit

Section: General Intelligence and Reasoning

Q.1 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. B is kept second from the bottom. Only three boxes are kept between B and E. C is kept at one of the positions below B. Only A is kept between E and F. G is kept at one of the positions above E. How many boxes are kept between C and D?

1. 3
2. 4
3. **1**
4. 2

Q.2 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

99A9C12B2D16=?

1. 26
2. 12
3. 35
4. **19**

Q.3 H, I, J, K, U, V and W are sitting around a circular table facing the centre of the table. V sits to the immediate left of I. H sits to the immediate left of J. J sits second to the left of K. W sits third to the left of I. Who sits third to the right of U?

1. **W**
2. H
3. K
4. V

Q.4 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ZWR VSN ROJ NKF ?

1. JGB
2. JHA
3. **JGA**
4. JHB

Q.5 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GDB OLJ WTR EBZ ?

1. MHJ
2. HMJ
3. HJM
4. **MJH**

Q.6 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only A is kept above D. Only E is kept between D and F. Only B is kept below G. How many boxes are kept below F?

1. **3**
2. 1
3. 4
4. 2

Q.7 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

1. UNR
2. QJM
3. WPS
4. **SLO**

Q.8 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Left)#845%%3822894$&#%1*(Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

1. 1
2. 3
3. 4
4. **2**

Q.9 In a certain code language, 'life is good' is coded as 'tu ro na' and 'she loves life' is coded as 'ko ie na'. How is 'life' coded in the given language?

1. ie
2. ko
3. tu

4. **na**

Q.10 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

1. IEK
2. LHN
3. **NJO**
4. FBH

Q.11 Suman ranked 22nd from the top and 13th from the bottom in his class. How many students are there in his class?

1. 32
2. **34**
3. 33
4. 31

Q.12 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left)6 & 3 # 2 @ 4 # 1 8 8 £ 2 5 * $ 7 % 9 (Right)

How many such symbols are there, each of which is immediately preceded by an odd number but NOT immediately followed by an even number?

1. None
2. One
3. Three
4. **Two**

Q.13 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

49 A 7 C 24 D 8 B 2 = ?

1. 21
2. 37
3. 15
4. **28**

Q.14 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

{CUTS - UCTS - CTSU}
{AVID - VAID - AIDV}

1. PLAY - LPAY - PAYL
2. LOAD - OLAD - DOAL
3. **JUTE - UJTE - UTEJ**
4. RACK - RCAK - KCAR

Q.15 Six people, L, M, N, O, P and Q are sitting in a row, facing north. Only two people sit to the right of P. Q sits second to the left of M. N is not an immediate neighbour of M. O sits on the immediate right of P. Who sits to the immediate right of L?

1. M
2. N
3. Q
4. **P**

Q.16 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

1. INN

2. NRS
3. UYZ
4. **JNO**

Q.17 Ram started from Point A and walked 5 km towards the east, and then, after turning to his right, walked 4 km. He then turned to his right and walked 5 km. Again, he turned to his right and walked 5 km to stop at Point P. In which direction should he walk to reach Point A again? (All turns are 90-degree turns only unless specified.)

1. North
2. **South**
3. East
4. West

Q.18 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some paintings are frame. All frames are decoratives. **Conclusions:** (I) Some paintings are decoratives. (II) All decoratives are frame.

1. **Only conclusion (I) follows.**
2. Neither conclusion (I) nor (II) follows.
3. Only conclusion (II) follows.
4. Both conclusions (I) and (II) follow.

Q.19 What should come in place of the question mark (?) in the given series?

22 26 32 40 50

1. **62**
2. 70
3. 76
4. 84

Q.20 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

{BI - EK - GJ}

{EL - HN - JM}

1. **HO - KQ - NP**
2. GO - KQ - NP
3. GO - LQ - NP
4. HO - KQ - MP

Q.21 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some Indians are Americans. Some Americans are Chinese. **Conclusions:** (I) No Chinese is an American. (II) All Indians are Chinese.

1. Only conclusion (I) follows.
2. **Neither conclusion (I) nor (II) follows.**
3. Only conclusion (II) follows.
4. Both conclusions (I) and (II) follow.

Q.22 What should come in place of the question mark (?) in the given series?

59, 60, 64, 73, 89,?

1. 113
2. **114**
3. 116
4. 115

Q.23 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

63 A 7 C18 D 8 B 2 = ?

1. 18
2. 26
3. 11
4. **5**

Q.24 Rouf starts from Point A and drives 4 km towards South. He then takes a left turn, drives 9 km, turns left and drives 8 km. He then takes a left turn and drives 16 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

1. 5 km to the West
2. 4 km to the South
3. 6 km to the South
4. **7 km to the East**

Q.25 In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

16, 47

24, 71

1. 15, 62
2. **35, 104**
3. 27, 101
4. 12, 45

Q.26 Each of the digits in the number 9238471 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

1. 6
2. 8
3. **10**
4. 7

Q.27 What should come in place of the question mark (?) in the given series?

81 ? 36 21 11 6

1. 48
2. 54
3. **56**
4. 52

Q.28 In a certain code language, 'YORK' is coded as '0834' and 'KRAY' is coded as '3458'. What is the code for 'A' in the given code language?

1. 3
2. 8

3. 4
4. **5**

Q.29 FRUZ is related to IVXD in a certain way based on the English alphabetical order. In the same way, RHGP is related to ULJT. To which of the given options is ATPB related, following the same logic?

1. DESW
2. DXSF
3. DFSE
4. DXFS

Q.30 In a certain code language, A + B means 'A is the daughter of B' A − B means 'A is the father of B' A × B means 'A is the son of B' A ÷ B means 'A is the sister of B' Based on the above, how is Q related to D if 'Q + E − R × C ÷ D'?

1. Mother
2. Daughter
3. Sister
4. Sister's daughter

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