



রেলের গ্রুপ ডি পরীক্ষা প্রস্তুতি ১

ভারতীয় রেলে ১,০৩৭৬৯ জন গ্রুপ ডি কর্মী নিয়োগ করা হবে। এই নিয়োগের সেন্ট্রালাইজড এমপ্লয়মেন্ট নোটিফিকেশন নম্বর: আরআরসি-০১/২০১৯। যাঁরা আবেদন করেছেন, সবার প্রস্তুতির সুবিধার জন্য এই ধারাবাহিক প্র্যাক্টিস সেট।

জরুরি তথ্য: কম্পিউটার ভিত্তিক পরীক্ষা, শারীরিক সক্ষমতার পরীক্ষা ও কাগজপত্র যাচাই ও ডাক্তারি পরীক্ষার মাধ্যমে প্রার্থী বাছাই করা হবে। কম্পিউটার ভিত্তিক পরীক্ষায় ১০০টি প্রশ্ন থাকবে। জেনারেল সায়েন্স (২৫টি প্রশ্ন, ২৫ নম্বর), ম্যাথমেটিক্স (২৫টি প্রশ্ন, ২৫ নম্বর), জেনারেল ইন্টেলিজেন্স (৩০টি প্রশ্ন, ৩০ নম্বর), জেনারেল অ্যাওয়ারেনেস অ্যান্ড কারেন্ট অ্যাফেয়ার্স (২০টি প্রশ্ন, ২০ নম্বর)। মোট ১০০ নম্বরের পরীক্ষা, সময় ৯০ মিনিট। নেগেটিভ মার্কিং থাকবে। কোয়ালিফাইং মার্কস ৪০। তপশিলি জাতি/ উপজাতি ও ওবিসি (নন ক্রিমি লেয়ার)-দের ক্ষেত্রে ৩০ শতাংশ। ইংরেজি ভাষাতে পরীক্ষা তো দেওয়া যাবেই এছাড়া বাংলা, অসমিয়া, গুয়াহাটি, হিন্দি, কন্নড়, কোঙ্কনি, মালায়লম, মণিপুরী, মারাঠি, ওড়িয়া, পাঞ্জাবি, তামিল, তেলুগু, উর্দুতেও পরীক্ষা দেওয়া যাবে, যে-কোনো একটি ভাষায়।

1. ECG is done to diagnose an ailment connected with?

(a) Kidney (b) Heart (c) Brain (d) Blood

2. Which of the following is the purest form of Carbon?

(a) Charcoal (b) Granite (c) Diamond (d) Graphite

3. Which instrument is used to record atmospheric pressure?

(a) Thermometer (b) Barometer (c) Seismometer (d) Oscilloscope

4. Quinine is obtained from which of the following plants?

(a) Cinchona (b) Cocoa (c) Mulberry (d) Eucalyptus

5. Optical fibre was invented in the year.....

(a) 1995 (b) 2000 (c) 2005 (d) 1955

6. Which of the following is a rich source of carbohydrates, proteins and fats?

(a) Bean (b) Rice (c) Groundnut (d) Gram

7. The mirror used by ENT specialist is a

(a) plane mirror (b) concave mirror (c) convex mirror (d) None of these

8. Blood clotting will not occur in the absence of.....

(a) Iron (b) Calcium (c) Phosphorus (d) None of these

9. The mean distance from the Sun to the Earth is called.....

(a) Light year (b) Astronomical Unit (c) Parallax Second (d) Angstrom

10. The element of electric stove is made of

(a) Copper (b) Invar (c) Magnesium (d) Nichrome

11. If a value is increased by 20% and then again increased by 25% then the whole increment in that value will be.....

(a) 50 (b) 60 (c) 55 (d) 65

12. The sum of three consecutive even numbers is 204, find the sum of the next three consecutive even numbers?

(a) 308 (b) 330 (c) 227 (d) 222

13. A two digit number is 7 times the sum of its two digits. The number that is formed by reversing its digits is 36 less than the original number. What is the number?

(a) 66 (b) 84 (c) 48 (d) 72

14. A rectangular hall of 34m×23m leaving a margin of 2.50m along with the four sides, a carpet is spread of the rate of Rs 56.5 per square metre. Find out the cost price of the carpet.

(a) 17145 (b) 29493 (c) 37345 (d) 27100

15. 4 kg of rice and 7 kg of wheat together costs Rs 600. The price of rice has risen by 20% and the price of wheat has decreased by 20%. Hence the same quantities of rice and wheat now cost Rs 552. Find the original price of rice per kg.

(a) Rs 36/kg (b) Rs 48/kg (c) Rs 54/kg (d) Rs 45/kg

16. In an examination minimum marks for first division is 70%. Anubhav obtains 583 marks which are 12 marks less than the first division minimum marks. What are the maximum marks in the examination?

(a) 954 (b) 750 (c) 850 (d) 1050

17. Select the related word/ letters/ number from the given alternatives.

30:55:: 36:?

(a) 60 (b) 72 (c) 66 (d) 54

18. Find out the odd word/ letters/ number/ number pair from the given alternatives.

(a) Virat Kohli (b) M S Dhoni (c) Dhanraj Pillay (d) Suresh Raina
19. Find out the odd word/ letters/ number/ number pair from the given alternatives.

(a) KP (b) IR (c) HS (d) FO

20. Select the related word/letters/number from the given alternatives.

Drought: Rain:: Illiteracy:?

(a) Education (b) Scholarship (c) Development (d) Training

21. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

IKM, QSU, YAC,?

(a) RTV (b) GIK (c) FIL (d) RUX

22. If yesterday was Wednesday, what day of the week will the tenth day from today be?

(a) Friday (b) Sunday (c) Monday (d) Saturday

Directions (Q 23-26): Choose the related word/letters/number from the given alternatives.

23. Andaman and Nicobar: Port Blair: Lakshadweep:?

(a) Silvassa (b) Aizwal (c) Kavaratti (d) Dispur

24. (a) Pratibha Patil (b) Manmohan Singh (c) Zakir Hussain (d) Rajendra Prasad

25. (a) 2573 (b) 3681 (c) 4256 (d) 1664

26. (a) MOQ (b) TVX (c) IKL (d) BDF

27. Who among the following was popularly known as the 'Frontier Gandhi'?

(a) Maulana Abul Kalam Azad (b) Hasrat Mohani (c) Iqbal Khan (d) Khan Abdul Ghaffar Khan

28. Who is the author of the book named Gandhi: An Illustrated Biography?

(a) Rohinton Mistry (b) V S Naipaul (c) Pramod Kapoor (d) Shashi Deshpande

29. BHIM, is a mobile app developed by NPCI to enable fast and cashless payments. What is the full form of BHIM?

(a) Bharat Interface for Money (b) Bharat Integrated for Money (c) Basic Interface for Money (d) Big Interface for Money

30. Which of the following is the longest river in India?

(a) The Kaveri (b) The Godavari (c) The Ganges (d) The Brahmaputra

31. What is the theme of 2019 World Consumer Rights Day (WCRD)?

(a) Building a digital world consumers can trust (b) Consumer Justice Now! (c) Trusted Smart Products (d) Making Digital Marketplaces Fairer

32. Africa-India Joint Field Training Exercise (AFINDEX-19) is being conducted in which of the following cities?

(a) Kochi (b) Udaipur (c) Dehradun (d) Pune

33. Who has won the men's singles title at the All England Open Badminton Championships 2019?

(a) Parupalli Kashyap (b) Kento Momota (c) Viktor Axelsen (d) Srikanth Kidambi

34. Who has been appointed the new chairman of Life Insurance Corporation of India (LIC)?

(a) L S Prasad (b) M R Kumar (c) Vipin Anand (d) Suseel Kumar

35. National Crime Records Bureau (NCRB) works under

which of the following union ministries?

(a) Ministry of Defence (b) Ministry of Railways (c) Ministry of Law and Justice (d) Ministry of Home Affairs

36. What is the theme of the World Kidney Day (WKD-2019)?

(a) Kidney Disease and Obesity (b) Kidney Health for Everyone Everywhere (c) Kidneys for Life—

Stop Kidney Attack (d) Kidney Disease & Children: Act Early to Prevent It

37. Who is the recipient of the first-ever Bhagwan Mahavir Ahimsa Puraskar?

(a) Narendra Patni (b) Abhinandan Varthaman (c) Mangal Prabhat Lodha (d) Bhavarlal Hiralal Jain

38. Ezra Cup is related to which sport?

(a) Golf (b) Badminton (c) Polo (d) Tennis

39. The Government of India has recently declared which of the following time periods as the year of construction technology?

(a) 2020-2021 (b) 2021-2022 (c) 2022-2023 (d) 2019-2020

40. The Tulip festival is celebrated in which state?

(a) Uttarakhand (b) Arunachal Pradesh (c) Himachal Pradesh (d) Kashmir

ANSWERS

1. (b) 2. (c) 3. (b) 4. (a) 5. (d) 6. (b) 7. (b) 8. (b) 9. (b) 10. (d) 11.

(a) Explanation: Here, $a = 20$ & $b = 25$ so the whole increment = $a+b+(ab/100) = 25+20+(25 \times 20/100) = 45+5 = 50\%$.

12. (d) Explanation: Let the first even number is x

According to question,

$$x+x+2+x+4 = 204$$

$$3x = 204 - 6$$

$$3x = 198$$

$$x = 66$$

The 3 consecutive even numbers are= 66, 68 and 70

The next 3 consecutive even numbers are= 72, 74 and 76

$$\text{Sum} = 72+74+76 = 222.$$

13. (b) Explanation: Let the two digit number= $(10+y)$

According to question,

$$(10+y) = 7(x+y)$$

$$3x = 6y$$

$$x = 2y$$

$$(10x+y) - (10y+x) = 36$$

$$9x - 9y = 36$$

$$x - y = 4$$

$$\text{since } x = 2y - y = 4$$

$$y = 4 \quad x = 8$$

so, the two digit number is $(10+y) = 10(8)+4 = 84$

14. (b) Explanation: After leaving a margin of 2.5m along with the

four sides then length= $34-5 = 29\text{m}$

And breadth = $23-5 = 18\text{m}$

So the cost price of the carpet= $29 \times 18 \times 56.5 = \text{Rs } 29493.$

15. (d) Explanation: Let the price of rice per kg= Rs x

And the price of wheat per kg= Rs y

$$4x+7y = 600 \dots\dots\dots(1)$$

According to the question,

$$4 \times 1.2x + 7 \times 0.8y = 552$$

$$4.8x + 5.6y = 552 \dots\dots\dots(2)$$

By solving (1) and (2), $y = 60$

$$x = 45.$$

16. (c) Explanation: $70\% = 583+12 = 595$

$$100\% = 850.$$

17. (c) Explanation:

$$5 \times 6 = 30 \quad 5 \times 11 = 55$$

$$6 \times 6 = 36 \quad 6 \times 11 = 66$$

18. (c) Explanation: All are cricket players except Dhanraj Pillay.

He is a hockey player. 19. (d) Explanation:

K — opposite letter — P

I — opposite letter — R

H — opposite letter — S

F — opposite letter — U

So, FO is an odd pair.

20. (a) Explanation: Drought needs rain in the same way Illiteracy needs education. 21. (b) Explanation:

$$I+2 = K+2 = M+4 = Q$$

$$Q+2 = S+2 = U+4 = Y$$

$$Y+2 = A+2 = C+4 = G$$

$$G+2 = I+2 = K$$

22. (b) Explanation: Yesterday= Wednesday

Today= Thursday

After 10 days from Today= Thursday+10= Thursday+7+3= Sunday.

23. (c) Explanation: Port Blair is the capital of the Andaman and Nicobar in the same way Kavaratti is the capital of Lakshadweep.

24. (b) Explanation: Except Manmohan Singh others were former President of India. 25. (b) Explanation: $2+5+7+3 = 17$

$$3+6+8+1 = 18$$

$$4+2+5+6 = 17$$

$$1+6+6+4 = 17$$

26. (c) Explanation:

$$M+2 = O+2 = Q$$

$$T+2 = V+2 = X$$

$$I+2 = K+2 = M$$

$B+2 = D+2 = F.$ 27. (d) 28. (c) 29. (a) 30. (c) 31. (c) 32. (d) 33. (b)

34. (b) 35. (d) 36. (b) 37. (b) 38. (c) 39. (d) 40. (d)