

RRB GROUP D

03 August 2026 | 1st Shift

Exam Analysis – All Questions & Answers

1. Question: In April 2025, by whom was the Sachet App launched?

Answer: C-DOT in collaboration with NDMA.

2. Question: Dr. N. Rajam, who received the Padma Vibhushan 2026, is famous for playing which musical instrument?

Answer: Violin.

3. Question: What is the name of actor Vijay Thalapathy's political party?

Answer: TVK (Tamilaga Vettri Kazhagam).

4. Question: Where was the bilateral summit between PM Narendra Modi and French President Emmanuel Macron held in February 2026?

Answer: Mumbai.

5. Question: Which Indian athlete won the gold medal in the men's long jump at the Indian Athletics Series 2026?

Answer: Murali Sreeshankar.

6. Question: Who won the Laureus World Sports Awards 2026 (Sportsman of the Year)?

Answer: Carlos Alcaraz.

7. Question: In which city will the 2026 Ballon d'Or ceremony be held for the first time outside Paris?

Answer: London.

8. Question: Which state launched the "Aaroh 2026" Summer Sports Camp?

Answer: Madhya Pradesh.

9. Question: Which meeting of the RBI Monetary Policy Committee was held during 6–8 April 2026?

Answer: 60th Meeting.

10. Question: What is the current Repo Rate after the December 2025 RBI policy?

Answer: 5.25%.

11. Question: What is the name of ISRO's heaviest communication satellite launched on 2 November 2025?

Answer: CMS-03 (GSAT-7R).

12. Question: In May 2026, which Indian state was severely affected across 26 districts by storms, rain and lightning?

Answer: Uttar Pradesh.

13. Question: According to the World Bank, what was India's extreme poverty rate in 2022–23?

Answer: 5.3%.

14. Question: Which organisation started Project Sur for India's Next Generation Launch Vehicle (NGLV)?

Answer: ISRO.

15. Question: Cyber slavery and digital arrest fraud networks are mainly operating from which region?

Answer: Southeast Asia (Golden Triangle Region).

16. Question: Which Indian film was India's official entry to the 98th Academy Awards (Best International Feature Film)?

Answer: Home Bound.

17. Question: Which strategic strait was closed by Iran during the 2026 conflict?

Answer: Strait of Hormuz.

18. Question: Question related to the European Union ("Mother of Old Deal").

Answer: European Union.

19. Question: If kinetic energy increases from 40 J to 140 J, what is the work done?

Answer: 100 J.

20. Question: A bulb has a power of 60 W and voltage of 120 V. Find the current.

Answer: 0.5 A.

21. Question: What is the formula for frequency?

Answer: $f = v/\lambda$

22. Question: A light wave has wavelength 600 nm and speed 3×10^8 m/s. Find its frequency.

Answer: 5×10^{14} Hz

23. Question: If 20 g salt is dissolved in 80 g water, what is the mass percentage concentration?

Answer: 20%.

24. Question: Which part of a neuron receives signals?

Answer: Dendrite.

25. Question: Why does the sky appear blue?

Answer: Scattering of light.

26. Question: In which medium is the speed of sound highest?

Answer: Solid.

27. Question: What is the process of obtaining energy from glucose called?

Answer: Cellular Respiration.

28. Question: Who is the primary consumer in a food chain?

Answer: Herbivores.

29. Question: Why is ethanol used in medicines?

Answer: Excellent solvent (high solubility).

30. Question: Who proposed the Law of Conservation of Mass?

Answer: Antoine Lavoisier.

31. Question: What are the products formed when NaOH reacts with HCl?

Answer: $\text{NaCl} + \text{H}_2\text{O}$.

32. Question: What is the main characteristic/function of Parenchyma tissue?

Answer: Support, flexibility and food storage.

33. Question: What is the formula for magnification of a lens?

Answer: $m = v/u$

34. Question: What does Newton's Second Law state?

Answer: $F = ma$

35. Question: What is the formula for relative refractive index?

Answer: v_1/v_2

36. Question: Which of the following are decomposition reactions?

1. AgBr in sunlight
2. Heating CaCO_3
3. Electrolysis of H_2O
4. $\text{Fe} + \text{CuSO}_4$

Answer: 1, 2 and 3 only.

37. Question: Why is the cell membrane flexible?

Answer: It is made of a lipid-protein bilayer.

38. Question: What does the slope of a displacement-time graph represent?

Answer: Velocity.

39. Question: What does an inclined velocity-time graph indicate?

Answer: Velocity is changing (acceleration/deceleration).

40. Question: Where is ultrasound used?

Answer: Medical imaging, internal organ examination and crack detection in metals.

41. Question: What is the main function of the vocal cords?

Answer: Sound production.

42. Question: What is Molecular Mass?

Answer: Sum of the atomic masses of all atoms present in a molecule.

43. Question: What are Intercellular Spaces?

Answer: Spaces present between adjacent plant cells for gaseous exchange and transport.

RRB GROUP D

03 August 2026 | 2nd Shift

Exam Analysis – All Questions & Answers

1. Question: Which IIT launched the 3.1 Petaflops capacity "Param Shakti" supercomputer in January 2026?

Answer: IIT Madras.

2. Question: Which two disasters did the 16th Finance Commission recommend adding to the list of national disasters in its 2026–31 report?

Answer: Heatwaves (Loo) and Lightning Strikes.

3. Question: Who was awarded the "Sportswoman of the Year" at the Laureus World Sports Awards 2026?

Answer: Aryna Sabalenka.

4. Question: Which West Bengal Governor resigned from his post on 5 March 2026?

Answer: Dr. C. V. Ananda Bose.

5. Question: Which district of Manipur was affected by major earthquake tremors in 2026?

Answer: Kamjong District.

6. Question: Which district of Manipur was worst affected by flash floods and severe waterlogging due to heavy rainfall?

Answer: Churachandpur District.

7. Question: When is the birth anniversary of Dr. B. R. Ambedkar celebrated?

Answer: 14 April.

8. Question: For whose welfare did the West Bengal Government launch the Annapurna Yojana?

Answer: Women.

9. Question: Who is the author of the book "Apnapan" based on the life of PM Narendra Modi?

Answer: Shivraj Singh Chouhan.

10. Question: Who released the book "Apnapan"?

Answer: M. Venkaiah Naidu and H. D. Deve Gowda.

11. Question: From where did ISRO launch the PSLV-C62 (EOS-01/Anvesha) mission?

Answer: Satish Dhawan Space Centre, Sriharikota.

12. Question: Which Indian athlete set a new National Record by completing the men's 100 m race in 10.09 seconds?

Answer: Gurvinder Singh.

13. Question: Where was the 6th India–UK Ministry of Home Affairs Dialogue held?

Answer: New Delhi.

14. Question: What was the objective of Punjab Government's "Operation Prahar"?

Answer: Dismantling gangster networks and eliminating organized crime.

15. Question: Which country hosted AFCON 2025–26?

Answer: Morocco.

16. Question: Which state hosted the Khelo India Tribal Games 2026?

Answer: Chhattisgarh.

17. Question: Which edition of the Central Council of Health and Family Welfare Conference was held in June 2026?

Answer: 16th Edition.

18. Question: Which AI-powered chatbot app was launched by the Income Tax Department?

Answer: Saarthi App.

19. Question: Which sector contributes the highest to India's Gross Value Added (GVA)?

Answer: Tertiary (Service) Sector.

20. Question: Which team won IPL 2026 (Season 19)?

Answer: Royal Challengers Bengaluru (RCB).

21. Question: Where is Intercalary Meristem found?

Answer: Base of leaves and near the internodes.

22. Question: Which tissue is absent in plants?

Answer: Nervous Tissue.

23. Question: Arrange the stages of the water cycle in the correct order.

Answer: Evaporation → Condensation → Precipitation → Collection/Runoff.

24. Question: An object is placed 18 cm in front of a convex lens of focal length 12 cm. Find the magnification.

Answer: -2

25. Question: If potential difference remains constant and resistance is doubled, what happens to the heating effect?

Answer: It becomes half.

26. Question: During which trimester does the embryo develop into a fetus?

Answer: First Trimester.

27. Question: What is obtained when ethanol burns in sufficient oxygen?

Answer: Carbon dioxide, Water, Heat and Light.

28. Question: According to the Law of Conservation of Mass, what is correct?

Answer: Total mass of reactants = Total mass of products.

29. Question: Atomic number = 17. Find protons, electrons and valency.

Answer: 17 Protons, 17 Electrons, Valency = 1.

30. Question: What is the correct number of neutrons in a neutral Chlorine atom?

Answer: 18.

31. Question: Bottle opener is an example of which class of lever?

Answer: Second-class lever.

32. Question: In which kingdom are prokaryotic organisms placed?

Answer: Monera.

33. Question: Which hydrocarbon has a cyclic (ring) structure?

Answer: Cyclohexane.

34. Question: What does the area under a Velocity-Time graph represent?

Answer: Displacement.

35. Question: Which instrument is used to detect underwater objects?

Answer: SONAR.

36. Question: If the mass of an object becomes half while the applied force remains constant, what happens to acceleration?

Answer: It becomes double.

37. Question: If resistance is halved while potential difference remains constant, what happens to current?

Answer: Current becomes double.

38. Question: Which tissue is found in coconut husk?

Answer: Sclerenchyma.

39. Question: What similarity exists between plastids and mitochondria?

Answer: Both possess their own DNA and 70S ribosomes.

40. Question: Which part of the brain controls body balance?

Answer: Cerebellum.

41. Question: How do animals primarily eliminate body waste?

Answer: Through kidneys (along with lungs, skin and digestive system).

42. Question: What is the main characteristic of Parenchyma tissue?

Answer: Living thin-walled cells mainly involved in storage of food.

RRB GROUP D

03 August 2026 | 3rd Shift

Exam Analysis – All Questions & Answers

1. Question: Which birth anniversary of Rabindranath Tagore was celebrated in 2026?

Answer: 165th Birth Anniversary.

2. Question: Where was the India AI Impact Summit (Global AI Summit) held in New Delhi?

Answer: Bharat Mandapam (Pragati Maidan).

3. Question: Which meristematic tissue is responsible for secondary growth (increase in girth) in dicot plants?

Answer: Lateral Meristem (Cambium).

4. Question: Which statement is correct regarding the organizational structure of BCCI?

Answer: BCCI is managed by its office bearers and the 9-member Apex Council.

5. Question: What is a key fact about DRDO?

Answer: Established in 1958 under the Ministry of Defence; Headquarters – New Delhi.

6. Question: What is the primary objective of joint exercises conducted by the Indian Navy and Indian Air Force?

Answer: To strengthen coastal security, air-maritime coordination, and rapid response capability.

7. Question: What is the main feature of the Padma Shri Award?

Answer: India's fourth-highest civilian award given for distinguished contributions in various fields.

8. Question: Which recent missile systems have been successfully developed/tested by India?

Answer: Agni-P, Pralay and Prahar.

9. Question: What is the basic difference between oxidation and reduction?

Answer: Oxidation = Loss of electrons/addition of oxygen; Reduction = Gain of electrons/removal of oxygen.

10. Question: Under Article 112 of the Constitution, what is the purpose of the Union Budget?

Answer: To present the Annual Financial Statement (estimated receipts and expenditure).

11. Question: Balancing a chemical equation is based on which law?

Answer: Law of Conservation of Mass.

12. Question: How is the molecular mass of a compound calculated?

Answer: By adding the atomic masses of all constituent atoms.

13. Question: Why does benzene mainly undergo substitution reactions instead of addition reactions?

Answer: Due to resonance stability (delocalization of π electrons).

14. Question: What is the relationship between power and energy?

Answer: $\text{Power} = \text{Energy} \div \text{Time}$ (or $\text{Work} \div \text{Time}$).

15. Question: What is the formula of gravitational potential energy?

Answer: $\text{PE} = mgh$.

16. Question: Which of the following is NOT a part of the male reproductive system?

Answer: Fallopian Tube.

17. Question: What is the process of coating iron with zinc to prevent rusting called?

Answer: Galvanization.

18. Question: In which form is energy stored in cells?

Answer: ATP (Adenosine Triphosphate).

19. Question: When an object is placed between the pole and focus of a concave mirror, what type of image is formed?

Answer: Virtual, erect and enlarged.

20. Question: What are the molecular masses of H_2O and CH_3COOH ?

Answer: 18 U and 60 U respectively.

21. Question: Why is vinegar used as a food preservative?

Answer: It lowers pH and inhibits the growth of microorganisms.

22. Question: In the reaction $2\text{Cu} + \text{O}_2 \rightarrow 2\text{CuO}$, which substance is oxidized and which is reduced?

Answer: Copper is oxidized; Oxygen is reduced.

23. Question: A 2000 W heater runs for 1 hour. How much electrical energy is consumed?

Answer: 7.2×10^6 Joules.

24. Question: Which plant tissue provides flexibility to plants?

Answer: Collenchyma.

25. Question: Why does a swimming pool appear shallower than its actual depth?

Answer: Due to refraction of light.

26. Question: What happens to the refractive index when light travels from water to air?

Answer: It decreases (air has a lower refractive index than water).

27. Question: NIMHANS-2 announced in Union Budget 2026–27 is related to which sector?

Answer: Healthcare and Mental Health.

28. Question: What percentage of the Union Budget 2026–27 was allocated as the Gender Budget?

Answer: 9.37% (₹5.01 lakh crore).

29. Question: What type of electric charge does a neutron have?

Answer: Neutral (No charge).

30. Question: Why does a pencil or stick immersed in water appear bent?

Answer: Due to refraction of light.

31. Question: Why does a coin or pencil kept in water appear raised?

Answer: Due to refraction of light.