RRB SWI 2026 – Answers & Explanations

100 Multiple-Choice Questions with Answers and Explanations

1. According to the Payment of Gratuity Act, 1972, what does the term ‘completed year of service’ mean?

(A) Six months of uninterrupted work

(B) Service including unpaid leave

(C) Continuous service for one year

(D) Service with breaks during the year

Correct Answer: A

Explanation: Section 2(b) of the Payment of Gratuity Act, 1972 defines it.
‘Completed year of service’ means continuous service for one year.

2. Under Section 25C of the Industrial Disputes Act, 1947, when is lay-off compensation payable to a workman?

(A) 2 years of continuous service

(B) 9 months of continuous service

(C) 6 months of continuous service

(D) 1 year of continuous service

Correct Answer: A

Explanation: Section 25C gives lay-off compensation to a workman (other than badli or casual).
He must have completed not less than one year of continuous service.

3. What is the first step to create a new document in a word processor?

(A) Selecting New Document from the menu or using the shortcut Ctrl + N

(B) Saving the document immediately as a PDF

(C) Typing content directly into an existing document

(D) Printing the document

Correct Answer: A

Explanation: A new blank document is opened with File → New or the shortcut Ctrl + N.
Saving, typing and printing come after the document is created.

4. As per the Right to Information Act 2005, during an inquiry, the Information Commission has powers equivalent to that of a:

(A) Executive Magistrate

(B) District Magistrate

(C) Public Prosecutor

(D) Civil Court

Correct Answer: A

Explanation: Section 18(3) of the RTI Act, 2005 applies.
While inquiring, the Information Commission has the same powers as a Civil Court under the Code of Civil Procedure, 1908.
For example: summoning persons, requiring documents, receiving evidence on affidavit.

5. When must wages be paid under the Payment of Wages Act, 1936, if employment is terminated by the employer?

(A) Wages must be paid after the next wage cycle

(B) Wages must be paid within one month from the date of such termination

(C) Wages must be paid before the expiry of the second working day

(D) Wages must be paid on the next government holiday

Correct Answer: A

Explanation: Section 5(2) of the Payment of Wages Act, 1936 applies.
If the employer terminates the employment, the wages earned must be paid before the expiry of the second working day from termination.

6. How can you print a specific range of cells in MS Excel instead of the entire worksheet?

(A) Go to the Page Layout tab and click on Print Selection

(B) Press Ctrl + P, then adjust the settings to print the selected range

(C) Select the desired cells and choose Print Selection in the Print dialog box

(D) Both by selecting the desired cells and choosing Print Selection in the Print dialog box, and pressing Ctrl + P, then adjusting the settings to print the selected range

Correct Answer: A

Explanation: First select the cells to be printed.
Then open Print (Ctrl + P) and under Settings choose “Print Selection”.
Both described methods do the same thing, so option D is correct.

7. According to the Trade Unions Act, 1926, registration of a Trade Union under the Societies Registration Act, 1860, is:

(A) Voidable

(B) Valid

(C) Void

(D) Irregular

Correct Answer: A

Explanation: Section 14 of the Trade Unions Act, 1926 applies.
The Societies Registration Act, 1860 and similar Acts do not apply to a registered trade union.
So registration of a trade union under those Acts is void.

8. According to the Maternity Benefit Act, 1961, what is the specified amount of medical bonus payable to a woman if she does not receive free pre-natal and post-natal care?

(A) One hundred and fifty rupees

(B) Two hundred and fifty rupees

(C) Three hundred rupees

(D) Four hundred rupees

Correct Answer: A

Explanation: Section 8 of the Maternity Benefit Act, 1961 provides a medical bonus.
It is paid if no free pre-natal and post-natal care is provided by the employer.
The amount in the original Section 8 is two hundred and fifty rupees.
Note: The amount was later raised by amendment (to ■ 1,000 in 2008 and ■ 3,500 in 2017); the key follows the original text.

9. Under Section 64(c) of the Mines Act, 1952, making or using a false declaration for obtaining a certificate constitutes an offence when the person:

(A) Suspects it may be false

(B) Acts negligently

(C) Has not verified it

(D) Knows it to be false

Correct Answer: A

Explanation: Section 64 of the Mines Act, 1952 deals with falsification of records and false declarations.
Making or using a declaration is an offence when the person knows it to be false.

10. Section 26 of the Employees' State Insurance Act, 1948, specifies that all moneys accruing to the Fund must be paid into which institution, subject to approval by the Central Government?

(A) Reserve Bank of India or another approved bank

(B) State Bank of India without further approval

(C) Any commercial bank chosen by the Corporation

(D) Treasury office designated by the State Government

Correct Answer: A

Explanation: Section 26(2) of the ESI Act, 1948 applies.
All moneys of the ESI Fund are paid into the Reserve Bank of India.
They may also be paid into any other bank approved by the Central Government.

11. According to Section 9 of the Payment of Wages Act, 1936, when ten or more employees act together and are absent without due notice or reasonable cause, what is the maximum deduction allowed from each employee's wages?

(A) Deduction up to wages for ten days as per employment terms

(B) Deduction up to wages for one day as per employment terms

(C) Deduction up to wages for eight days as per employment terms

(D) Deduction up to wages for three days as per employment terms

Correct Answer: A

Explanation: This is the proviso to Section 9(2) of the Payment of Wages Act, 1936.
It covers 10 or more employees acting in concert and absent without due notice and without reasonable cause.
Each employee's wages may be deducted for up to eight days, as per the terms of employment.

12. Under Section 25F of the Industrial Disputes Act, 1947, what is the minimum continuous service required for a workman to be eligible for retrenchment protection?

(A) One year of continuous service is required

(B) Two years of continuous service is required

(C) Nine months of continuous service is required

(D) Six months of continuous service is required

Correct Answer: A

Explanation: Section 25F of the Industrial Disputes Act, 1947 applies.
It protects a workman in continuous service for not less than one year.
He must get one month's notice (or pay in lieu) and retrenchment compensation.

13. Under Section 12 of the Factories Act, 1948, wastes and effluents shall be treated so as to render them:

(A) Marketable

(B) Innocuous

(C) Profitable

(D) Reusable

Correct Answer: A

Explanation: Section 12 of the Factories Act, 1948 covers treatment of wastes and effluents.
They must be treated so as to render them innocuous (harmless) and must be disposed of properly.

14. According to Section 38(2) of the Factories Act, 1948, workers must be trained in which aspect of fire safety?

(A) Procedures for reporting fire incidents

(B) Means of escape during fire emergencies

(C) Techniques for managing emergency funds

(D) Methods for operating the factory machinery

Correct Answer: A

Explanation: Section 38 of the Factories Act, 1948 deals with precautions in case of fire.
Section 38(2) requires that all workers are familiar with the means of escape in case of fire.
They must be adequately trained in the routine to be followed.

15. A group of employees in a public utility service gives notice of strike to the employer. According to Section 22 of the Industrial Disputes Act, 1947, which of the following must the employer do within five days?

(A) File a legal complaint with the labor court against the employees

(B) Suspend the operations of the public utility service immediately

(C) Terminate the employment of the employees who issued the notice

(D) Report the receipt of notice to the appropriate government

Correct Answer: A

Explanation: Section 22(6) of the Industrial Disputes Act, 1947 applies.
An employer of a public utility service who receives a strike notice must report it to the appropriate Government (or authority) within five days.

16. Under Section 5 of the Payment of Bonus Act, 1965, the computation of available surplus primarily starts with:

(A) Gross profits of the accounting year

(B) Capital employed

(C) Net income after depreciation

(D) Paid-up capital

Correct Answer: A

Explanation: Section 5 of the Payment of Bonus Act, 1965 deals with available surplus.
Available surplus = gross profits of the accounting year minus the deductions in Section 6.
Section 6 deductions include depreciation, development rebate and direct taxes.
So the computation starts with gross profits.

17. Under Section 8(a) of the Employees' Provident Funds and Miscellaneous Provisions Act, 1952, accumulations required to be transferred may be recovered from which of the following?

(A) Trade Union

(B) Pension Fund

(C) Employer

(D) Employee

Correct Answer: A

Explanation: Section 8 of the EPF & MP Act, 1952 covers the mode of recovery of moneys due.
Accumulations required to be transferred under Section 15(2) may be recovered from the employer.
They are recovered as an arrear of land revenue.

18. Under Section 6(2) of the Maternity Benefit Act, 1961, the date from which a pregnant woman proposes to absent herself from work shall not be earlier than:

(A) Two weeks before expected delivery

(B) Eight weeks before expected delivery

(C) Four weeks before expected delivery

(D) Six weeks before expected delivery

Correct Answer: A

Explanation: Section 6(2) of the Maternity Benefit Act, 1961 applies.
The woman gives a notice stating the date from which she will be absent.
That date cannot be earlier than eight weeks before the expected delivery.
This is the limit after the 2017 amendment; earlier it was six weeks.

19. Under Section 11(1) of the Employees' Compensation Act, 1923, when an employee receiving a half-monthly payment may be required to undergo medical examination?

(A) Only once

(B) Every week

(C) Only by court order

(D) From time to time

Correct Answer: A

Explanation: Section 11(1) of the Employees' Compensation Act, 1923 applies.
An employee receiving half-monthly payments must, if the employer requires, submit himself to medical examination from time to time.
The examination is by a qualified medical practitioner provided free of charge by the employer.

20. Under Section 25C of the Industrial Disputes Act, 1947, what is the compensation rate payable to a workman (excluding badli and casual workmen) who is laid-off after completing one year of continuous service?

(A) Full amount of basic wages and dearness allowance

(B) Twenty-five percent of basic wages and dearness allowance

(C) Fifty percent of basic wages and dearness allowance

(D) Seventy-five percent of basic wages and dearness allowance

Correct Answer: A

Explanation: Section 25C of the Industrial Disputes Act, 1947 applies.
Lay-off compensation is 50% of the total of basic wages and dearness allowance.
It is paid for all days of lay-off, except weekly holidays.

21. As per Rule 5 of the Central Civil Services (Implementation of National Pension System) Rules, 2021, what is included in emoluments during a period of suspension?

(A) Medical reimbursement for hospital bills

(B) Bonus received during thefestival season

(C) Honorarium for special assignments allotted by employer

(D) Subsistence allowance drawn during suspension

Correct Answer: A

Explanation: Rule 5 of the CCS (Implementation of NPS) Rules, 2021 defines emoluments for NPS contributions.
During suspension, the subsistence allowance drawn is treated as emoluments.
Medical reimbursement, bonus and honorarium are not part of emoluments.

22. Under Section 33(1) of the Trade Unions Act, 1926, no court inferior to which of the following courts shall try any offence under the Act?

(A) A Judicial Magistrate of the second class

(B) A Civil Judge or an Executive Magistrate of the first class

(C) A Presidency Magistrate or a Magistrate of the first class

(D) A Sessions Judge or a Subordinate Judge

Correct Answer: A

Explanation: Section 33(1) of the Trade Unions Act, 1926 deals with cognizance of offences.
No court inferior to that of a Presidency Magistrate or a Magistrate of the first class shall try any offence under the Act.

23. Under Section 14 of the Industrial Disputes Act, 1947, within what period from the commencement of an inquiry is a Court ordinarily required to submit its report?

(A) Twelve months

(B) Three months

(C) Nine months

(D) Six months

Correct Answer: A

Explanation: Section 14 of the Industrial Disputes Act, 1947 deals with the duties of a Court of Inquiry.
The Court must inquire into the matters referred to it.
It must report to the appropriate Government ordinarily within six months from the commencement of its inquiry.

24. According to Section 11 of the Employees' Provident Funds and Miscellaneous Provisions Act, 1952, which scenario correctly reflects the application of payment priority among debts?

(A) Employer's damages under Section 14B are paid after government dues

(B) Employer's contributions to the Family Pension Fund are excluded from priority

(C) Employer's contributions due before winding up are paid before other debts

(D) Employer's contributions due after winding up are paid before secured creditors

Correct Answer: A

Explanation: Section 11 of the EPF & MP Act, 1952 gives priority to PF dues.
On insolvency or winding up, contributions due from the employer are deemed to be included among debts to be paid in priority to all other debts.

25. Under the Industrial Employment (Standing Orders) Act, 1946, the term “employer” primarily means:

(A) Any workman in the establishment

(B) The Certifying Officer

(C) The trade union leader

(D) The owner of an industrial establishment

Correct Answer: A

Explanation: Section 2(d) of the Industrial Employment (Standing Orders) Act, 1946 defines “employer”.
It means the owner of an industrial establishment to which the Act applies.
It includes the manager or other persons named in the definition.

26. According to Section 11 of the Minimum Wages Act, 1948, what is the default mode for paying minimum wages?

(A) Minimum wages shall be paid in vouchers

(B) Minimum wages shall be paid in shares

(C) Minimum wages shall be paid in kind

(D) Minimum wages shall be paid in cash

Correct Answer: A

Explanation: Section 11(1) of the Minimum Wages Act, 1948 applies.
Minimum wages payable under the Act shall be paid in cash.
Payment wholly or partly in kind is allowed only where the appropriate Government authorises it.

27. What should you do to modify the text in an existing text box in MS PowerPoint?

(A) Press Ctrl + E

(B) Double-click on the text box.

(C) Right-click on the slide background.

(D) Click the ‘Insert’ tab.

Correct Answer: A

Explanation: Double-clicking (or clicking inside) the text box places the cursor in it, so the text can be edited.
Ctrl + E only centres text, and the Insert tab adds new objects.

28. Under Section 31 of the Minimum Wages Act, 1948, what is the primary effect of rates of wages fixed during the specified periods by an appropriate Government?

(A) They are considered invalid after the expiration date

(B) They are subject to review by the Supreme Court or High Court

(C) They are applicable only to new employees

(D) They are deemed to have been fixed in accordance with law

Correct Answer: A

Explanation: Section 31 of the Minimum Wages Act, 1948 validates past fixation of wages.
Minimum rates fixed by the appropriate Government during the specified periods are deemed to have been fixed in accordance with the Act.

29. Under Section 46 of the Employees' State Insurance Act, which benefit provides periodical payments to an insured person during certified sickness?

(A) Sickness benefit

(B) Funeral expenses

(C) Disablement benefit

(D) Dependants' benefit

Correct Answer: A

Explanation: Section 46(1)(a) of the ESI Act, 1948 lists the benefits.
Sickness benefit is the periodical payment to an insured person whose sickness is certified by a duly appointed medical practitioner.

30. If an employer refuses to pay bonus to an employee who has completed thirty-five working days in the establishment within the accounting year, which provision of the Payment of Bonus Act, 1965, is being disregarded?

(A) Section 15

(B) Section 12

(C) Section 10

(D) Section 8

Correct Answer: A

Explanation: Section 8 of the Payment of Bonus Act, 1965 sets the eligibility for bonus.
Every employee who has worked for not less than 30 working days in an accounting year is entitled to bonus.
35 days is more than 30, so refusing bonus violates Section 8.

31. Which of the following legislation applies to search and seizure under Section 7(2) of the Mines Act, 1952, following an offence investigation?

(A) The Factories Act, 1948

(B) The Code of Criminal Procedure, 1973

(C) The Indian Evidence Act, 1872

(D) The Companies Act, 2013

Correct Answer: A

Explanation: Section 7(2) of the Mines Act, 1952 applies.
The provisions of the Code of Criminal Procedure, 1973 apply to any search or seizure under the Act as they apply under the Code.

32. Under Section 6(6) of the Maternity Benefit Act, 1961, how may an Inspector order payment of maternity benefit?

(A) Either on his own motion or on an application made by the employer

(B) Either on his own motion or on an application made by the inspector

(C) Either on his own motion or on an application made by the woman

(D) Either on his own motion or on an application made by the court

Correct Answer: A

Explanation: Section 6(6) of the Maternity Benefit Act, 1961 applies.
If benefit is not paid to a woman entitled to it, the Inspector may order payment.
He may do so either on his own motion or on an application made by the woman.

33. Under Section 64 of the Mines Act, 1952, which of the following actions is considered an offence if done knowingly regarding official certificates?

(A) Providing a duplicate certificate with prior approval

(B) Making a false statement in any official certificate

(C) Requesting a certificate for a different mine

(D) Delaying renewal of an expired certificate

Correct Answer: A

Explanation: Section 64 of the Mines Act, 1952 covers falsification of records.
Knowingly making a false entry or false statement in any certificate or official copy is an offence punishable under the Act.

34. Under Section 72 of the Mines Act, 1952, which of the following best reflects the duties of mine workers?

(A) Avoid misuse of safety measures and use safety appliances properly

(B) Focus only on personal safety

(C) Maintain production at all costs

(D) Follow only managerial instructions

Correct Answer: A

Explanation: Section 72 of the Mines Act, 1952 relates to obligations of persons employed in mines.
No person shall wilfully interfere with or misuse any appliance provided for safety.
Workers must use the safety appliances provided and must not do anything likely to endanger themselves or others.

35. Under Section 7(1)(b) of the Mines Act, 1952, an Inspector may inspect and examine any mine:

(A) Only with prior approval of the owner

(B) Only during daytime

(C) At any time by day or night

(D) Only during working hours

Correct Answer: A

Explanation: Section 7(1)(b) of the Mines Act, 1952 gives powers to Inspectors.
An Inspector may make such examination and inquiry as he thinks fit.
He may do so at any time by day or night.

36. Under Section 8 of the Payment of Bonus Act, 1965, for how many days must an employee work in an accounting year to be eligible for bonus?

(A) 30 working days

(B) 100 working days

(C) 25 working days

(D) 10 working days

Correct Answer: A

Explanation: Section 8 of the Payment of Bonus Act, 1965 sets the eligibility.
An employee must have worked for not less than 30 working days in the accounting year.

37. Under the Central Civil Services (Implementation of National Pension System) Rules, 2021, a subscriber retiring on attaining the age of superannuation is entitled to benefits as per:

(A) Pension Fund Regulatory and Development Authority (Exits and Withdrawals under NPS) Regulations, 2015

(B) Pension Fund Regulatory and Development Authority (Exits and Withdrawals under NPS) Regulations, 2012

(C) Pension Fund Regulatory and Development Authority (Exits and Withdrawals under NPS) Regulations, 2011

(D) Pension Fund Regulatory and Development Authority (Exits and Withdrawals under NPS) Regulations, 2014

Correct Answer: A

Explanation: Exit and withdrawal benefits under NPS are governed by PFRDA regulations.
The applicable regulations are the PFRDA (Exits and Withdrawals under NPS) Regulations, 2015.
On superannuation, the subscriber gets benefits as per these 2015 Regulations.

38. Section 13(1)(b) of the Minimum Wages Act, 1948 also provides for payment of remuneration in respect of which of the following?

(A) Days of rest

(B) Overtime work only

(C) Public holidays only

(D) Annual leave only

Correct Answer: A

Explanation: Section 13(1)(a) fixes the number of hours of work that make a normal working day.
Section 13(1)(b) provides for a day of rest in every period of seven days.
It also provides for payment of remuneration in respect of such days of rest.

39. Under Section 2(e) (Definitions) of the Payment of Gratuity Act, 1972, which of the following is excluded from the definition of “employee”?

(A) Skilled worker

(B) Technical worker

(C) Apprentice

(D) Clerical worker

Correct Answer: A

Explanation: Section 2(e) covers persons employed in skilled, semi-skilled, unskilled, manual, supervisory, technical or clerical work.
An apprentice is specifically excluded from the definition of “employee”.

40. Under Section 8(1)(c) of the Right to Information Act, 2005, information whose disclosure would cause a breach of privilege of Parliament or a State Legislature:

(A) Must always be disclosed

(B) Is exempt only for five years

(C) Is exempt from disclosure

(D) May be disclosed only by a court order

Correct Answer: A

Explanation: Section 8(1) lists the categories of information exempt from disclosure.
Clause (c) covers information whose disclosure would cause a breach of privilege of Parliament or a State Legislature.
Such information is exempt from disclosure.

41. Under Section 8 of the Right to Information Act, 2005, which type of information is exempted from disclosure if its release would affect the sovereignty and integrity of India?

(A) Employment history is exempted from disclosure

(B) Personal financial details are exempted from disclosure

(C) Educational qualifications are exempted from disclosure

(D) Security-related information is exempted from disclosure

Correct Answer: A

Explanation: Section 8(1)(a) exempts information that would prejudicially affect the sovereignty and integrity of India.
It also covers the security, strategic, scientific or economic interests of the State.
So security-related information is exempted from disclosure.

42. Under Section 46(1)(c) of the Employees' State Insurance Act, 1948, disablement benefit is payable when disablement results from:

(A) Old age

(B) Employment injury

(C) Any illness

(D) Voluntary retirement

Correct Answer: A

Explanation: Section 46(1) lists the benefits under the ESI Act.
Clause (c) provides periodical payments to an insured person suffering from disablement.
The disablement must be the result of an employment injury.

43. According to Section 27 of the Trade Unions Act, 1926, who must sign the notice of dissolution of a registered Trade Union before it is sent to the Registrar?

(A) All office bearers and the Registrar of the Trade Union

(B) Only the President and the Secretary of the Trade Union

(C) The Treasurer and two committee members of the Trade Union

(D) Seven members and the Secretary of the Trade Union

Correct Answer: A

Explanation: Section 27 deals with the dissolution of a registered Trade Union.
The notice of dissolution must be signed by seven members and the Secretary of the Trade Union.
It is sent to the Registrar within 14 days of the dissolution.

44. Under Rule 20(1), of Central Civil Services (Implementation of National Pension Scheme) Rules, 2021, where the death of a Subscriber is attributable to Government service, benefits may be granted under:

(A) Payment of Gratuity Act, 1972

(B) Central Civil Services (Extraordinary Pension) Rules, 1939

(C) National Pension System

(D) CCS (Pension) Rules, 1972

Correct Answer: A

Explanation: Rule 20 covers death or disability of an NPS subscriber attributable to Government service.
In such cases the family may get benefits under the CCS (Extraordinary Pension) Rules, 1939.

45. Under Section 25F of the Industrial Disputes Act, 1947, retrenchment compensation is payable at the rate of:

(A) One month's wages for every completed year of service

(B) Fifteen days' average pay for every completed year of service

(C) Ten days' average pay for every completed year of service

(D) Twenty days' average pay for every completed year of service

Correct Answer: A

Explanation: Section 25F lays down the conditions for retrenching a workman.
Compensation is 15 days' average pay for every completed year of continuous service.
It is also paid for any part of a year in excess of six months.

46. Which of the following actions by a workman excludes the employer from liability under Section 3 of the Workmen's Compensation Act, 1923?

(A) Reporting the injury to the employer immediately after occurrence

(B) Being injured while following all safety protocols at work

(C) Wilful removal of any safety guard provided for safety

(D) Suffering an injury during work hours without safety instructions

Correct Answer: A

Explanation: Section 3(1) lists cases where the employer is not liable for compensation.
These include injury caused by the workman under the influence of drink or drugs.
They also include wilful disobedience of safety rules.
Wilful removal or disregard of any safety guard or device also excludes liability.

47. As per Section 23(2) of the Factories Act, 1948, who decides which machines are considered dangerous for young persons?

(A) Certifying Surgeon

(B) Factory Manager

(C) Chief Inspector

(D) State Government

Correct Answer: A

Explanation: Section 23 restricts young persons from working on dangerous machines.
Under Section 23(2), the State Government prescribes which machines are dangerous.

48. How does the Industrial Employment (Standing Orders) Act, 1946, define 'standing orders'?

(A) Orders issued by the employer to the employees for daily operations

(B) Notices placed on the bulletin board of the factory

(C) Rules relating to matters set out in the Schedule to the Act

(D) Procedures for payment of wages to the workers

Correct Answer: A

Explanation: Section 2(g) defines ‘standing orders’.
They are rules relating to the matters set out in the Schedule to the Act.
Examples are classification of workmen, shift working, leave, termination and misconduct.

49. Under Section 4(c) of the Employees’ State Insurance Act, 1948, the Central Government may appoint not more than _____ as members of Employees State Insurance Corporation.

(A) Five persons

(B) Three persons

(C) Ten persons

(D) Seven persons

Correct Answer: A

Explanation: Section 4 lays down the constitution of the ESI Corporation.
Under clause (c), the Central Government nominates not more than five persons to represent it.

50. Under Section 28 of the Payment of Bonus Act, 1965, what is the maximum fine that may be imposed?

(A) ■1,000

(B) ■10,000

(C) ■5,000

(D) ■500

Correct Answer: A

Explanation: Section 28 sets the penalty for contravening the Act or rules made under it.
The penalty is imprisonment up to 6 months, a fine up to ■1,000, or both.
General Ability

51. Which of the following Indian organizations developed the indigenous CAR-T Cell Therapy, NexCAR19, unveiled during the Emerging Science, Technology & Innovation Conclave (ESTIC2025)?

(A) ICMR-NIV

(B) ImmunoACT

(C) CSIR-IGIB

(D) IISc-Bengaluru

Correct Answer: A

Explanation: NexCAR19 is India’s first indigenous CAR-T cell therapy, used against B-cell cancers.
It was developed by ImmunoACT, a company incubated at IIT Bombay, with Tata Memorial Centre.

52. What should come in place of the question mark (?) in the given series? 891, 892, 896, 897, ?, 902

(A) 898

(B) 901

(C) 903

(D) 899

Correct Answer: A

Explanation: The differences alternate +1, +4.
891 + 1 = 892, 892 + 4 = 896, 896 + 1 = 897
897 + 4 = 901, and 901 + 1 = 902 ✓
Missing number = 901

53. What practical step can a consumer take to reduce ozone depletion?

(A) Choose CFC-free products

(B) Use plastic packaging

(C) Use aerosols

(D) Use more air conditioners

Correct Answer: A

Explanation: Chlorofluorocarbons (CFCs) release chlorine in the stratosphere, and the chlorine destroys ozone.
CFCs were used in aerosols, refrigerators and air conditioners.
Choosing CFC-free products reduces ozone depletion.

54. Six people, P, Q, R, S, T, and U, are seated in a row facing north. T sits second to the right of P. Q sits to the immediate left of U. S is an immediate neighbor of T but not of P. P sits third from the left end. Who sits at the extreme right end of the line?

(A) P

(B) U

(C) S

(D) R

Correct Answer: A

Explanation: P is at position 3 from the left, so T is at position 5.
S is next to T but not next to P, so S is at position 6.
Q is immediately left of U, so Q is at 1 and U at 2, leaving R at 4.
Order: Q, U, P, R, T, S
Extreme right = S

55. A group of students finds a microscopic organism with a true nucleus, cell walls, and no chloroplasts. According to modern biological classification, which kingdom should this organism be assigned to?

(A) Plantae

(B) Fungi

(C) Protista

(D) Bacteria

Correct Answer: A

Explanation: A true nucleus means the organism is a eukaryote, so it is not a bacterium.
A cell wall with no chloroplasts means it is not a plant and cannot photosynthesise.
Fungi are eukaryotes with chitin cell walls and no chloroplasts, e.g. yeast.

56. In an examination, the pass marks are 40%. A student scores 192 marks and fails by 48 marks. What is the maximum marks?

(A) 500

(B) 640

(C) 480

(D) 600

Correct Answer: A

Explanation: Pass marks = 192 + 48 = 240
40% of maximum = 240

Maximum marks =

57. Which of the following metals is an exception to the general physical property of malleability and breaks into pieces when beaten?

(A) Gold

(B) Aluminium

(C) Zinc

(D) Copper

Correct Answer: A

Explanation: Most metals are malleable and can be beaten into thin sheets.
Zinc is brittle at room temperature and breaks into pieces when beaten.
Gold, aluminium and copper are highly malleable.

58. Which of the following best describes the role of mucus secreted by the stomach?

(A) It neutralizes hydrochloric acid completely.

(B) It increases the acidity of gastric juice.

(C) It protects the inner lining of the stomach from the action of hydrochloric acid.

(D) It helps in the digestion of fats.

Correct Answer: A

Explanation: The gastric glands secrete hydrochloric acid, pepsin and mucus.
The mucus forms a protective layer on the stomach wall.
It protects the inner lining from the action of the acid.
Without it, the acid would damage the lining and could cause ulcers.

59. How many numbers between 100 and 200 are divisible by 7 and 9 both?

(A) 2

(B) 1

(C) 3

(D) 4

Correct Answer: A

Explanation: A number divisible by both 7 and 9 is divisible by LCM(7, 9) = 63.
Multiples of 63: 63, 126, 189, 252, …
Between 100 and 200 the multiples are 126 and 189.
Count = 2

60. Which of the following is a heterogeneous mixture?

(A) Sugar solution

(B) Oil and water

(C) Salt water

(D) Air

Correct Answer: A

Explanation: A heterogeneous mixture does not have a uniform composition, and its parts can be seen separately.

Oil and water do not mix and form two separate layers.
Sugar solution, salt water and air are uniform, i.e. homogeneous mixtures.

61. Which of the following regions of India receives the majority of its annual rainfall during the retreating (northeast) monsoon season?

(A) Tamil Nadu coast

(B) Western Rajasthan

(C) Konkan coast

(D) Punjab plains

Correct Answer: A

Explanation: In October–December the northeast winds pick up moisture over the Bay of Bengal.
They bring heavy rain to the Coromandel (Tamil Nadu) coast.
Tamil Nadu gets most of its annual rainfall in this season.

62. A convex mirror used as a rear-view mirror of a car has a radius of curvature of 6.0 m. A bus is located 6.0 m in front of the mirror. Where will the image of the bus be formed?

(A) 3.0 m (at the back of the mirror)

(B) 1.5 m (at the back of the mirror)

(C) 4.0 m (at the back of the mirror)

(D) 2.0 m (at the back of the mirror)

Correct Answer: A

Explanation: For a convex mirror, m
and u = –6 m
Mirror formula:
v = +2 m
The image is 2.0 m behind the mirror (virtual).

63. The position(s) of how many letters will remain unchanged if each letter in the word ZENITH is arranged in the English alphabetical order?

(A) None

(B) One

(C) Two

(D) Three

Correct Answer: A

Explanation: Original: Z E N I T H
Alphabetical order: E H I N T Z
Comparing position by position, only T (5th place) stays the same.
Number of letters unchanged = 1

64. Which of the following national leaders formally launched the Civil Disobedience Movement in 1930 by breaking the Salt Law at Dandi after the historic march from Sabarmati Ashram?

(A) Motilal Nehru

(B) Lala Lajpat Rai

(C) Bal Gangadhar Tilak

(D) Mahatma Gandhi

Correct Answer: A

Explanation: Mahatma Gandhi began the Dandi March from Sabarmati Ashram on 12 March 1930.
On 6 April 1930 he broke the Salt Law at Dandi.
This launched the Civil Disobedience Movement.

65. The Surajkund International Crafts Mela is held annually in which Indian state?

(A) Gujarat

(B) Rajasthan

(C) Punjab

(D) Haryana

Correct Answer: A

Explanation: The Surajkund International Crafts Mela is held every February at Surajkund in Faridabad, Haryana.
It showcases handicrafts, handlooms and cultural traditions of India and other countries.

66. What is the title of the Human Development Report 2025 published by UNDP?

(A) Innovation and Sustainable Growth

(B) A Matter of Choice: People and Possibilities in the Age of AI

(C) Technology and Social Transformation

(D) Emerging Economies and Global Progress

Correct Answer: A

Explanation: UNDP's Human Development Report 2025 is titled "A Matter of Choice: People and Possibilities in the Age of AI".
It looks at how artificial intelligence can be shaped to expand human development.

67. Which strait separates India from Sri Lanka?

(A) Hormuz Strait

(B) Bering Strait

(C) Malacca Strait

(D) Palk Strait

Correct Answer: A

Explanation: The Palk Strait lies between Tamil Nadu (India) and the northern tip of Sri Lanka.
It connects the Bay of Bengal with the Gulf of Mannar through Palk Bay.

68. In a circle of radius 35 cm, an arc subtends an angle of 54° at the centre. Find the length of the arc. (Take .)

(A) 33 cm

(B) 32 cm

(C) 35 cm

(D) 34 cm

Correct Answer: A

Explanation: Arc length =
Arc length =

Arc length = cm

69. Which of the following works did Raja Ram Mohan Roy publish before founding the Brahmo Samaj?

(A) Hindoo Patriot

(B) Tuhfat-ul-Muwahhidin

(C) The Universal Religion

(D) Samvad Prachar

Correct Answer: A

Explanation: Raja Ram Mohan Roy wrote Tuhfat-ul-Muwahhidin (A Gift to Monotheists) in Persian in 1803–04.
He founded the Brahmo Sabha, later the Brahmo Samaj, in 1828.
Hindoo Patriot was a newspaper of Harish Chandra Mukherjee, not Roy's work.

70. What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged? 35 ÷ 6 × 3 – 10 + 6 = ?

(A) 72

(B) 75

(C) 76

(D) 74

Correct Answer: A

Explanation: After interchanging: 35 × 6 ÷ 3 + 10 – 6
35 × 6 ÷ 3 = 210 ÷ 3 = 70
70 + 10 – 6 = 74
Required value = 74

71. Which amendment added Sindhi language to the Eighth Schedule?

(A) 21st Amendment

(B) 24th Amendment

(C) 20th Amendment

(D) 28th Amendment

Correct Answer: A

Explanation: The 21st Constitutional Amendment Act, 1967 added Sindhi to the Eighth Schedule.
It was the 15th language in the Schedule.

72. Find the total surface area (in) of a cube whose edge length is 142 m.

(A) 121002

(B) 120984

(C) 121032

(D) 121008

Correct Answer: A

Explanation: TSA of a cube =

TSA = 6 × 20164 = 120984

73. A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer. Question: 5 friends, G, H, P, T and Y, each have different heights. Who among them is the second shortest? (I) Only P is shorter than H. Y is taller than P. (II) Only G is taller than T. T is taller than Y.

(A) Data in both statements I and II together are NOT sufficient to answer the question

(B) Data in statement II alone is sufficient to answer the question while data in statement I is not

(C) Data in statement I alone is sufficient to answer the question while data in statement II is not

(D) Data in both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Correct Answer: A

Explanation: I: Only P is shorter than H ⇒ P is the shortest and H is the second shortest ✓
II: G is the tallest and T is second tallest; the order of H, P, Y below T is unknown ✗
Statement I alone is sufficient.

74. Which of the following features distinguishes a Municipal Corporation from a Municipal Council in India?

(A) It is established in a larger urban area

(B) It is headed by a State Governor

(C) It operates without elected members

(D) It manages rural block development

Correct Answer: A

Explanation: A Municipal Corporation is set up for large cities (big urban areas).
A Municipal Council (Nagar Palika) is set up for smaller urban areas.
Both have elected members and are headed by a Mayor/Chairperson, not the Governor.

75. For a certain principal sum, the difference between the compound interest, compounded annually and simple interest for 3 years is ■1,550, and the difference for 2 years is ■500. What is the compound interest, compounded annually, earned on the same sum for 2 years at the same rate of interest?

(A) ■10,500

(B) ■11,550

(C) ■11,000

(D) ■10,000

Correct Answer: A

Explanation: Let rate = r (as a decimal). 2 years: CI – SI =
3 years: CI – SI =
3 + r = 3.1
⇒ r = 0.1, i.e. 10%

CI for 2 years =

76. Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) X ? G S T Q K = R % O D S L L Z O E + Q V (Right) How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a letter?

(A) Two

(B) Four

(C) Three

(D) One

Correct Answer: A

Explanation: Letters just after a symbol: G (after ?), R (after =), O (after %), Q (after +)
G is followed by S (letter) ✓
R is followed by % (symbol) ✗
O is followed by D (letter) ✓
Q is followed by V (letter) ✓
Number of such letters = 3

77. What should come in place of the question mark (?) in the given series based on the English alphabetical order? NRW MQV LPU KOT ?

(A) JMS

(B) JNS

(C) JMR

(D) JNR

Correct Answer: A

Explanation: 1st letters: N, M, L, K, J (each –1)
2nd letters: R, Q, P, O, N (each –1)
3rd letters: W, V, U, T, S (each –1)
Next term = JNS

78. Refer to the given number and symbol series and answer the question that follows. All numbers are single-digit numbers only. (Left) 9 * 7 ^ 5 $ 3 2 @ 1 + 9 8 ? 9 * 7 ^ 5 $ 3 @ 1 (Right) If all the symbols are dropped from the series, which of the following will be seventh from the right?

(A) 1

(B) 7

(C) 9

(D) 8

Correct Answer: A

Explanation: After dropping symbols: 9 7 5 3 2 1 9 8 9 7 5 3 1
From the right: 1, 3, 5, 7, 9, 8, 9 …
Seventh from the right = 9

79. Refer to the given letter series and answer the question that follows. Counting to be done from left to right. (Left) U G A B C H J A F R S O N R T P E S Q A C J (Right) How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

(A) 6

(B) 3

(C) 5

(D) 4

Correct Answer: A

Explanation: Pattern needed: consonant – consonant – vowel
H J A ⇒ J ✓
R S O ⇒ S ✓
T P E ⇒ P ✓
S Q A ⇒ Q ✓

Number of such consonants = 4

80. The ratio of the cost prices of articles X and Y is 4 : 7. A man earns a profit of 24% by selling X and loses 31% by selling Y. What is his overall gain or loss percentage in the entire transaction?

(A) Loss, 11%

(B) Gain, 10%

(C) Gain, 11.5%

(D) Loss, 9.5%

Correct Answer: A

Explanation: Let CP of X = 400 and CP of Y = 700. Total CP = 1100
Profit on X = 24% of 400 = 96
Loss on Y = 31% of 700 = 217
Net loss = 217 – 96 = 121
Loss % =

81. A car accelerates uniformly from rest. Its velocity-time graph forms a straight line starting at the origin. What geometrical figure's area represents the distance traveled in time t?

(A) Rectangle

(B) Parabola

(C) Triangle

(D) Trapezoid

Correct Answer: A

Explanation: Distance travelled = area under the velocity–time graph.
Starting from rest, the line goes from the origin to (t, v).
The area under it is a triangle with base t and height v.
Distance =

82. Who among the following was appointed as the Controller General of Defence Accounts (CGDA) in November 2025?

(A) Rajnish Kumar

(B) Vishvajit Sahay

(C) Neeraj Gupta

(D) Sanjay Prasad

Correct Answer: A

Explanation: Vishvajit Sahay (IDAS) took charge as the Controller General of Defence Accounts in November 2025.
The CGDA heads the Defence Accounts Department under the Ministry of Defence.

83. In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) 33 - 46 12 - 25

(A) 67 - 70

(B) 28 - 31

(C) 56 - 69

(D) 25 - 37

Correct Answer: A

Explanation: Rule: second number = first number + 13
33 + 13 = 46 and 12 + 13 = 25
Check: 56 + 13 = 69 ✓
(67 + 3, 28 + 3 and 25 + 12 do not follow the rule.)

84. The average daily earnings of a shopkeeper for 4 days are ■1,250. If his earnings for the first 3 days are ■1,100, ■1,350, and ■1,050, respectively, what is his earning on the fourth day?

(A) ■1,450

(B) ■1,500

(C) ■1,550

(D) ■1,400

Correct Answer: A

Explanation: Total for 4 days = 4 × 1250 = ■5,000
First 3 days = 1100 + 1350 + 1050 = ■3,500
Fourth day = 5000 – 3500 = ■1,500

85. Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

(A) CE-GI

(B) KM-OQ

(C) IK-MO

(D) MO-QT

Correct Answer: A

Explanation: CE-GI: C +2 E +2 G +2 I
KM-OQ: K +2 M +2 O +2 Q
IK-MO: I +2 K +2 M +2 O
MO-QT: M +2 O +2 Q +3 T ✗
MO-QT is the odd one out.

86. The arithmetic mean of a grouped frequency distribution is 25.2. The classes and their corresponding frequencies are as follows. Find the value of the missing frequency ‘y’.

(A) 10

(B) 12

(C) 8

(D) 14

Correct Answer: A

Explanation: Mid-values: 5, 15, 25, 35, 45
$\Sigma f = 40 + y$
$\Sigma fx = 40 + 180 + 25y + 385 + 405 = 1010 + 25y$

1010 + 25y = 1008 + 25.2y ⇒ 0.2y = 2 ⇒ y = 10

87. 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? 21 B 6 C 418 A 22 D 47 = ?

(A) 98

(B) 94

(C) 103

(D) 91

Correct Answer: A

Explanation: Replacing letters: 21 × 6 + 418 ÷ 22 – 47
Division and multiplication first: 418 ÷ 22 = 19 and 21 × 6 = 126
Value = 126 + 19 – 47 = 98

88. The mean proportional between two numbers is 24. If one number is 16, find the other.

(A) 40

(B) 36

(C) 48

(D) 32

Correct Answer: A

Explanation: Mean proportional of a and b =
⇒ 16b = 576
b = 36

89. India's Exclusive Economic Zone (EEZ) extends up to _____.

(A) 400 nautical miles

(B) 200 nautical miles

(C) 500 nautical miles

(D) 300 nautical miles

Correct Answer: A

Explanation: Under UNCLOS, the EEZ extends up to 200 nautical miles from the baseline.
(Territorial waters extend up to 12 nautical miles.)

90. If n is 3, which shell is being referred to and how many electrons can it hold?

(A) L-Shell, 8 electrons

(B) N-Shell, 32 electrons

(C) K-Shell, 2 electrons

(D) M-Shell, 18 electrons

Correct Answer: A

Explanation: Shells: n = 1 (K), n = 2 (L), n = 3 (M), n = 4 (N)
Maximum electrons in a shell =
For n = 3: electrons in the M-shell

91. Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern. AD - FI - KN CF - HK - MP

(A) JM - OS - NW

(B) GL - OS - NW

(C) GL - PS - UX

(D) JM - OR - TW

Correct Answer: A

Explanation: AD - FI - KN: A +3 D +2 F +3 I +2 K +3 N
CF - HK - MP: C +3 F +2 H +3 K +2 M +3 P
JM - OR - TW: J +3 M +2 O +3 R +2 T +3 W ✓
The other options break the +3, +2 pattern.

92. In November–December 2025, the Khelo India University Games were hosted by which Indian state?

(A) Gujarat

(B) Rajasthan

(C) Bihar

(D) Haryana

Correct Answer: A

Explanation: The 5th Khelo India University Games (November–December 2025) were hosted by Rajasthan. Events were held in Jaipur and other cities of the state.

93. The Third Schedule of the Constitution of India deals with which of the following?

(A) Allocation of seats in the Rajya Sabha

(B) Forms of oaths or affirmations

(C) Distribution of powers

(D) Panchayati Raj institutions

Correct Answer: A

Explanation: Third Schedule: forms of oaths or affirmations (ministers, judges, legislators etc.).
Fourth Schedule: allocation of seats in the Rajya Sabha.
Seventh Schedule: distribution of powers (Union, State, Concurrent lists).
Eleventh Schedule: Panchayati Raj.

94. Which statement describes the relationship between microscope resolution and the ability to observe fine cellular structures?

(A) Higher resolution blurs fine cellular structures.

(B) Lower resolution increases the clarity of fine cellular structures.

(C) Lower resolution has no effect on viewing fine cellular structures.

(D) Higher resolution allows fine cellular structures to be distinguished.

Correct Answer: A

Explanation: Resolution is the ability to show two close points as separate.
Higher resolution shows finer details clearly.
So fine cellular structures can be distinguished at higher resolution.

95. Sound propagates in air in the form of:

(A) Stationary waves

(B) Transverse waves

(C) Electromagnetic waves

(D) Longitudinal waves

Correct Answer: A

Explanation: In air, sound travels as compressions and rarefactions.
Air particles vibrate along the direction of propagation.
So sound in air is a longitudinal (mechanical) wave.

96. Nirmal invested ■1,440 at 5% per annum simple interest in a bank. Find the total amount (in ■) after 6 years.

(A) 1,952

(B) 1,772

(C) 1,832

(D) 1,872

Correct Answer: A

Explanation: Amount = 1440 + 432 = ■1,872

97. A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6. C lives on a floor which is a prime number. The product of the floors on which C and B live is 3. Only 2 people live above E. A lives immediately below D. How many people live between A and F?

(A) 2

(B) 3

(C) 1

(D) 4

Correct Answer: A

Explanation: C × B = 3 and C is prime ⇒ C = 3, B = 1
Only 2 people above E ⇒ E = 4
Remaining floors 2, 5, 6; A immediately below D ⇒ A = 5, D = 6
So F = 2
Between A (5) and F (2): floors 3 and 4 ⇒ 2 people

98. S is the father of R. R is the son of Y. N is the brother of K. K is the son of Y. How is S related to K?

(A) Husband

(B) Son

(C) Brother

(D) Father

Correct Answer: A

Explanation: S is the father of R and R is the son of Y ⇒ Y is the mother and S is Y's husband.
K is also the son of Y (N and K are brothers).
So R, K and N are children of S and Y.
S is the father of K.

99. With which of the following tribal folk dances of Telangana is Padma Shri awardee Kanaka Raju associated?

(A) Jhumar

(B) Gussadi

(C) Bihu

(D) Dhimsa

Correct Answer: A

Explanation: Kanaka Raju (Padma Shri 2021) is known for the Gussadi dance of the Raj Gond tribe.
Gussadi is performed in Adilabad district of Telangana during Diwali.
(Bihu is from Assam; Dhimsa is from Odisha/Andhra; Jhumar is from Jharkhand/Punjab.)

100. Which of the following was NOT included in the original Green Revolution package of the 1960s–70s?

(A) Expansion of irrigation facilities

(B) Greater use of fertilisers and pesticides

(C) Use of HYV (high-yielding variety) seeds

(D) Creation of the Price Stabilisation Fund

Correct Answer: A

Explanation: The Green Revolution package had HYV seeds, irrigation, and chemical fertilisers and pesticides.
The Price Stabilisation Fund came much later (2003 for plantation crops; 2015 for pulses/onion).
So it was not part of the original package.