सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

CEN 07/2024 - मिनिस्ट्रियल और आइसोलेटेड कोटियाँ / CEN 07/2024 - Ministerial & Isolated Categories

Test Date	10/09/2025
Test Time	4:30 PM - 6:00 PM
Subject	Staff and welfare Inspector

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **Professional Ability**

Q.1 **As per Section 5 of the Industrial Employment (Standing Orders) Act, 1946, upon forwarding the draft standing orders to the trade union or workmen, the Certifying Officer must require that objections should be submitted within how many days?**

Ans
A. Twenty-one days from the receipt of the notice
B. Ten days from the receipt of the notice
C. Fifteen days from the receipt of the notice
D. Seven days from the receipt of the notice

Q.2 **_____ is the keyboard shortcut key to start a PowerPoint presentation from the beginning.**

Ans
A. Ctrl + F5
B. Esc
C. Shift + F5
D. F5

Q.3 **Under Section 11(3) of the Workmen's Compensation Act, 1923, if an employee leaves the vicinity of the place of employment before the required medical examination without being examined, what is the effect on his right to compensation?**

Ans
A. It is reduced by half.
B. It is permanently forfeited.
C. It remains unaffected.
D. It is suspended until he returns and offers himself for examination.

Q.4 **Section 22 of the Industrial Disputes Act, 1947, deals with which of the following?**

Ans
A. Illegal strikes and lock-outs
B. Duty of an employer to maintain muster rolls of workmen
C. Prohibition of strikes and lock-outs
D. Prohibition of financial aid to illegal strikes and lock-outs

Q.5 **For the purposes of Section 9 of the Payment of Wages Act,1936, when shall an employed person be deemed absent from the place of work?**

Ans
A. Only when he is physically not present at the workplace
B. When he is present but waiting for instructions from the employer
C. When he is on sanctioned leave
D. When he is present but refuses to work due to a stay-in strike or any other unreasonable cause

Q.6 **Under the Central Civil Services (Implementation of National Pension System) Rules, 2021, the basic pay for calculating 'emoluments' under NPS is as defined in:**

Ans

A. Rule 8(21)(a)(i) of the Fundamental Rules, 1922

B. Rule 7(21)(a)(i) of the Fundamental Rules, 1922

C. Rule 9(21)(a)(i) of the Fundamental Rules, 1922

D. Rule 10(21)(a)(i) of the Fundamental Rules, 1922

Q.7 **According to Section 23(2) of the Mines Act, 1952, if a notice given under Section 23(1) relates to an accident causing loss of life, the authority shall make an inquiry into the occurrence within how many months of the receipt of the notice?**

Ans

A. Two months

B. One month

C. Three months

D. Four months

Q.8 **Under Section 27 (2) of the Trade Unions Act, 1926, when the dissolution of a registered Trade Union has been registered and the Rules of the Trade Union do not provide for the distribution of funds of the Trade Union on dissolution, who divides such funds?**

Ans

A. Registrar

B. Any Member of the Trade Union

C. State Government

D. The Tribunal

Q.9 **According to the explanation attached to Section 28 of the Factories Act, 1948, a lifting machine is not deemed to be a 'hoist' or 'lift' unless it has which of the following?**

Ans

A. A platform or cage movement of which is restricted by a guide

B. An automated pulley

C. Wheels for movement

D. An enclosed shaft

Q.10 **According to Section 5(2) of the Payment of Wages Act,1936, if an employee's employment is terminated by or on behalf of the employer, when must the wages earned be paid?**

Ans

A. Before the expiry of the second working day from the day of termination

B. Before the expiry of the first working day from the day of termination

C. Before the expiry of the third working day from the day of termination

D. Before the end of the same day of termination

Q.11 **Under Section 8(j) of the Right to Information Act, 2005, which type of information is exempt from disclosure unless a larger public interest justifies it?**

Ans

A. Public safety and disaster management information

B. Government contracts and tenders

C. Environmental impact assessment reports

D. Personal information unrelated to public activity or interest, or causing unwarranted invasion of privacy

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Q.12 **Which of the following is an example of a text file?**

Ans

A. movie.mp4

B. photo.jpg

C. song.mp3

D. report.txt

Q.13 **Under Section 13 of the Industrial Employment (Standing Orders) Act, 1946, what is the maximum quantum of fine that is imposed on employer who fails to submit draft standing orders as required by Section 3?**

Ans

A. Seven thousand rupees

B. Five thousand rupees

C. Fifteen thousand rupees

D. Six thousand rupees

Q.14 **Which of the following is NOT correct with respect to the family's entitlement upon the death of a subscriber under Rule 20(2) of the Central Civil Services (NPS) Rules, 2021?**

Ans

A. If benefits are payable under the Extraordinary Pension Rules, the Government's contribution and returns are credited to the Government account.

B. The remaining pension corpus is paid to the nominated person(s) as per the PFRDA Regulations, 2015.

C. If there is no valid nomination, the remaining amount of the corpus is paid to the Consolidated Fund of the State.

D. If there is no valid nomination, the remaining amount of the corpus is paid to the legal heir(s).

Q.15 **Under Section 8 of the Maternity Benefit Act, 1961, what amount of medical bonus is payable by the employer?**

Ans

A. Five Hundred Rupees

B. Two Thousand Rupees

C. One Thousand Rupees

D. Three Thousand Rupees

Q.16 **Under section 46 of the of the Employees' State Insurance Act, 1948, maternity benefit is payable to an insured woman in which of the following situations?**

Ans

A. Any illness certified by a medical practitioner

B. Any sickness related to pregnancy

C. Injury caused during employment

D. Confinement or miscarriage or sickness arising out of pregnancy

Q.17 **Which of the following is NOT a prerequisite specified under Section 23 of the Factories Act, 1948, for a young person to be employed to work on a dangerous machine?**

Ans

A. Full instruction on dangers and precautions related to the machine

B. Educational qualification prescribed for handling this work

C. Adequate supervision by an experienced person

D. Sufficient training in working at the machine

Q.18 **What is the situation mentioned under Section 11 of the Employees Provident Fund Act, 1952, where the priority of payment of contributions over other debts of the employers has to be decided?**

Ans

A. Where any employer is adjudicated insolvent

B. Where any employer is solvent

C. Where any employee is adjudicated insolvent

D. Where the company is solvent

Q.19 **Under the Section 8 of The Payment of Bonus Act, 1965, what is the minimum time period of work required for an employee to become eligible for bonus from the establishment?**

Ans

A. Not less than thirty working days in that year

B. Not less than thirty days in that year

C. Not less than one year

D. Not less than thirty-one working days in that year

Q.20 **According to Section 11(2) of The Employees Provident Funds and Miscellaneous Provisions Act, 1952, what treatment shall be accorded to any amount that is due from an employer in respect of the employees' contribution?**

Ans

A. Be treated as an unsecured debt recoverable after other statutory dues are paid

B. Be deemed the first charge on the assets of the establishment and paid in priority to all other debts

C. Be recoverable only after liquidation proceedings are completed

D. Require prior approval of the Central Government before recovery as first charge

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Q.21 **According to Section 11(1) of the Minimum Wages Act, 1948, the minimum wages payable under the Act shall ordinarily be paid in which form?**

Ans

A. Cheque

B. Kind

C. Goods

D. Cash

Q.22 **According to Section 69(7) of the Factories Act, 1948, any fee payable for a certificate of fitness for a young person is to be paid by whom?**

Ans

A. The occupier

B. The State Government

C. The young person's parents or guardian

D. The young person himself

Q.23 **In which of the following situations a person would NOT be penalised under Section 28 of the Payment of Bonus Act, 1965?**

Ans

A. Maintains proper records and complies with the Act

B. Contravenes any of the provisions of this Act

C. Fails to comply with the requisition made under the Act

D. Fails to comply with the direction made under the Act

Q.24 **Under Section 10 of the RTI Act, 2005, what details must be included in the notice for partial disclosure?**

Ans

A. Applicant's criminal record

B. Whether the PIO supports the RTI Act

C. Personal opinion of the PIO on the applicant's request

D. Fees payable and the form of access provided

Q.25 **Under Section 4 of the Payment of Gratuity Act, 1972, for the payment of gratuity, completion of continuous service of five years is NOT necessary if the termination of employment is due to:**

Ans

A. Retirement

B. Death or disablement

C. Voluntary resignation

D. Misconduct

Q.26 **According to Section 14 of the Trade Unions Act, when the Trade Union is registered under the Companies Act, 1956, what shall be the legal status of the Trade Union so formed?**

Ans

A. Voidable

B. Valid

C. Void

D. Illegal

Q.27 **Under Section 3 of the Industrial Employment (Standing Orders) Act, 1946, how many copies of the proposed draft standing orders have to be submitted by the employer to the Certifying Officer?**

Ans

A. Four copies

B. Five copies

C. Three copies

D. Two copies

Q.28 **According to Section 4 of the Minimum Wages Act, 1948, any minimum rate of wages fixed or revised by the appropriate government in respect of the scheduled employments under Section 3 CANNOT consist of:**

Ans

A. A basic rate of wages and a special allowance at a rate to be adjusted

B. An all-inclusive rate allowing for the basic rate

C. The cash value of the tax deductions in respect of supplies of essential commodities

D. A basic rate of wages with or without the cost-of-living allowance

Q.29 **Under Section 6A(2) (a) of the Employees' Provident Funds and Miscellaneous Provisions Act, 1952, the employer's contribution to the Pension Fund, as specified in the Pension Scheme, shall not exceed:**

Ans

A. 5% of the basic wages, dearness allowance and retaining allowance

B. 7% of the basic wages, dearness allowance and retaining allowance

C. 10% of the basic wages, dearness allowance and retaining allowance

D. 8⅓% of the basic wages, dearness allowance and retaining allowance

Q.30 **According to Section 86 of the of the Employees' State Insurance Act, 1948, whose sanction is required for instituting a prosecution under the Act?**

Ans

A. Insurance Commissioner or officer of the corporation authorised by the Director General

B. The Registrar of Companies

C. The Central Government

D. The Labour Court

Q.31 **Which keyboard shortcut opens the Spelling and Grammar check dialog box in Microsoft Word?**

Ans

A. Shift + F7

B. Ctrl + F7

C. F7

D. F5

Q.32 **What is the time stipulated for payment of wages under Section 5(1) of the Payment of Wages Act,1936, for railway, factory or industrial establishment in which less than one thousand persons are employed?**

Ans

A. To be paid before expiry of the seventeenth day

B. To be paid before expiry of the seventh day

C. To be paid before expiry of the sixth day

D. To be paid before expiry of the sixteenth day

Q.33 **According to Section 5 of the Factories Act, 1948, during a public emergency, the State Government may exempt factories from the provisions of the Act for a period not exceeding how long?**

Ans

A. One month at a time

B. Two months at a time

C. Three months at a time

D. Seven months at a time

Q.34 **Under Section 9 of the Trade Unions Act, 1926, the Certificate of Registration shall be treated as what kind of evidence in respect of the registration of the Trade Union concerned?**

Ans

A. Conclusive Evidence

B. Non-conclusive Evidence

C. Weak Evidence

D. Direct Evidence

Q.35 **Section 26 (1) of The Employees' State Insurance Act, 1948, provides that all contributions paid under this Act shall be paid into a Fund that shall be held and administered by the Corporation. What is the name of this Fund?**

Ans

A. The Provident Fund

B. The Pension Fund

C. The Corporation Fund

D. The Employees' State Insurance Fund

Q.36 **Under section 25C of the Industrial Disputes Act, 1947, what amount of compensation is payable for lay-off of the workman who has completed not less than one year of continuous service under an employer?**

Ans

A. 50% of the total of the basic wages and dearness allowance

B. 70% of the total of the basic wages and dearness allowance

C. 60% of the total of the basic wages and dearness allowance

D. 10% of the total of the basic wages and dearness allowance

Q.37 **Under Section 8(3) of the Right to Information Act, 2005, when the question arises as to the date from which the period of 20 years is to be computed for the purpose of providing information, the decision of which authority shall be deemed final?**

Ans

A. State Government

B. Public Information Officer

C. Central Public Information Officer

D. Central Government

Q.38 **Under Section 7 of the Mines Act, 1952, which of the following is NOT a power of the Inspector of Mines?**

Ans

A. To make any person to answer any question if it does not incriminate him/her

B. To make such examination and inquiry as he thinks fit to ascertain the compliance of the Act

C. To exercise powers in such a manner to unreasonably impede or obstruct the working of any mine

D. To enter, inspect and examine any mine or any part thereof at any time by day or night

Q.39 **Under Section 6(2) of the Maternity Benefit Act, 1961, a pregnant woman is required to furnish a notice to her employer stating the date from which she shall be absent from work. Such date should NOT be:**

Ans

A. Earlier than nine weeks from the date of her expected delivery

B. Earlier than six weeks from the date of her expected delivery

C. Earlier than eight weeks from the date of her expected delivery

D. Earlier than sixteen weeks from the date of her expected delivery

Q.40 **Under Section 28 of The Payment of Bonus Act, 1965, what penalty is prescribed for the contravention of its provisions?**

Ans

A. Fine that may extend to three thousand rupees

B. Imprisonment up to three months, or fine up to one thousand rupees, or both

C. Imprisonment up to six months, or fine up to three thousand rupees, or both

D. Imprisonment up to six months, or fine up to one thousand rupees, or both

Q.41 As per the Explanation to Section 5 of the Workmen's Compensation Act, 1923, a period of service is deemed continuous if it has NOT been interrupted by an absence from work exceeding how many days?

Ans

A. 10 days

B. 7 days

C. 21 days

D. 14 days

Q.42 Under Section 8 (6) of Workmen's Compensation Act, 1923, when compensation deposited with the Commissioner is payable to a person, in which case is the Commissioner NOT bound to pay the money directly to that person?

Ans

A. When the person is neither a woman nor under a legal disability

B. When the person is a non-natural person

C. When the person is a male above 18 years of age

D. When the person is a woman or a person under a legal disability

Q.43 According to Section 10 of the Right to Information Act, 2005, in cases where access is granted to a part of the record under Sub-Section (1), which authority is bound to give notice to the applicant informing the particulars specified in Sub-Section (2)?

Ans

A. Any gazetted officer

B. Any police officer

C. Central public information officer

D. Any officer of the government

Q.44 _____ is the shortcut key used to open an existing spreadsheet in MS Excel.

Ans

A. Ctrl + P

B. Ctrl + O

C. Ctrl + S

D. Ctrl + N

Q.45 Under Section 25F of the Industrial Disputes Act, 1947, no workman employed in any industry who has been in continuous service for not less than one year under an employer shall be retrenched by that employer. Which of the following is NOT a condition precedent to such retrenchment?

Ans

A. The workman is given two months notice in writing.

B. The workman is paid in lieu of such notice, wages for the period of the notice.

C. The notice indicates the reasons for retrenchment and the period of notice has expired.

D. Notice in the prescribed manner is served on the appropriate Government or authority.

Q.46 According to Section 14 of the Trade Unions Act, 1926, certain statutes are declared inapplicable to registered Trade Unions. Which of the following statutes is NOT included in that list?

Ans

A. The Co-operative Societies Act, 1912

B. The Workmen Compensation Act, 1923

C. The Societies Registration Act, 1860

D. The Companies Act, 1956

Q.47 In the context of Section 7(2)(e) of the Payment of Wages Act,1936, the word 'services' DOES NOT include:

Ans

A. Providing training to employees

B. Supply of tools and raw materials required for employment

C. Supervising the work of employees

D. Offering transportation facilities to employees

Q.48 **The obligations of a person employed in a mine are enumerated under which provision of the Mines Act, 1952?**

Ans

A. Section 73A

B. Section 73

C. Section 72

D. Section 74

Q.49 **Under the provision of 'Duties of Courts' contained in The Industrial Disputes Act, 1947, what time period is stipulated for the Court to inquire into the matters referred to it and report thereon to the appropriate Government?**

Ans

A. Within nine months from the issuance of notice

B. Within three months from the date of reference

C. Ordinarily within six months from the commencement of its inquiry

D. Within one year from the conclusion of hearings

Q.50 **Which of the following services is used for real-time communication on the Internet, allowing users to exchange text messages instantly?**

Ans

A. IRC (Internet Relay Chat)

B. FTP

C. Email

D. HTTP

Section : **General Ability**

Q.51 **During a biology trip to a pond, students observed algae, fish, frogs, water, and stones. Which of the following best categorises these components?**

Ans

A. All are biotic components.

B. Fish and frogs are abiotic; algae and water are biotic.

C. Water, stones, and fish are abiotic components.

D. Algae, fish, and frogs are biotic; water and stones are abiotic.

Q.52 **In 2025, 16-year-old Vishwanath Karthikey Padakanti, the youngest Indian to complete the Seven Summits challenge, hails from which place in India?**

Ans

A. Hyderabad

B. Mumbai

C. Trivandrum

D. Chennai

Q.53 **This question is based on the following words.**

(Left) AND CND CNK ANK (Right)

If 'B' is added before each word, which of these words will form meaningful English word(s)?

Ans

A. Only AND

B. Only ANK

C. Both AND and ANK

D. Both CND and CNK

Q.54 **Which of the following Amendments to the Indian Constitution added the 11^{th} schedule to the Indian Constitution?**

Ans

A. 42^{nd} Amendment 1976

B. 73^{rd} Amendment 1992

C. 44^{th} Amendment 1978

D. 25^{th} Amendment 1971

Q.55 **Which of the following statements with respect to national highways (NH) in India is NOT correct?**

Ans

A. The Secondary Routes of NH are numbered in 3 digits, with 2 digits as the same as that of the Primary Route Number.

B. National Highway (NH) 44 is the longest national highway in India.

C. The NHs predominantly along the North South direction and along the East-West direction are considered as Primary Routes.

D. The Primary Routes of NH along the North-South direction is numbered in increasing order from east to west direction as odd numbers in 2 digits.

Q.56 **Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.**
VZC−FJM
DHK−NRU

Ans

A. RVY−AFH

B. RUW−BFI

C. RVY−BFI

D. RUW−AEH

Q.57 **The number 1071819 is divisible by:**

Ans

A. 47

B. 35

C. 64

D. 53

Q.58 **A delivery van travels 156 km in 3.5 hours at a constant speed. What is its speed in km/hr (rounded off to the nearest whole number)?**

Ans

A. 43 km/hr

B. 45 km/hr

C. 42 km/hr

D. 48 km/hr

Q.59 **If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷', and 'L' stands for '−', then what will come in place of the question mark (?) in the following equation?**

36 L 2 J 4 I 6 K 2 L 5 = ?

Ans

A. 32

B. 21

C. 24

D. 26

Q.60 **Which of the following statements are correct?**

1. The Law of Constant Proportions is also called the Law of Definite Proportions.
2. In water, the mass ratio of hydrogen to oxygen is always 1 : 8.
3. Dalton's Atomic Theory explained both the Law of Conservation of Mass and the Law of Definite Proportions.
4. In ammonia, nitrogen and hydrogen are always present in the ratio 8 : 1 by mass.

Ans

A. 2, 3 and 4 only

B. 1, 3 and 4 only

C. 1, 2 and 3 only

D. 1 and 2 only

Q.61 **As of 15 August 2025, who among the following is the only cricketer to score three double centuries in One-Day Internationals (ODIs)?**

Ans

A. Sachin Tendulkar

B. Suryakumar Yadav

C. Virat Kohli

D. Rohit Sharma

Q.62 In a certain code language, ‘web day book’ is coded as ' ud gq cg' and ‘jaw book mango’ is coded as ‘hx ix ud’. How is ‘book’ coded in the given language? (All codes are two-letter codes.)

Ans

A. cg

B. hx

C. ud

D. gq

Q.63 The sum of the age of A and 3 times the age of B is 43 years. When 5 times the age of A is added to 2 times the age of B, the result is 98 years. The sum of the ages (in years) of A and B is:

Ans

A. 21

B. 25

C. 20

D. 30

Q.64 Which of the following are the ways of expressing the concentration of a solution?
i. Mass by mass percentage of a solution
ii. Mass by volume percentage of a solution
iii. Volume by volume percentage of a solution

Ans

A. (i) and (ii) only

B. (i) and (iii) only

C. (ii) and (iii) only

D. (i), (ii) and (iii)

Q.65 A, B, C, D, P, Q and R are sitting around a circular table facing the centre of the table. Only one person sits between D and A when counted from the right of D. Only one person sits between A and R. Only one person sits between D and B. Only two people sit between P and R. Only one person sits between C and B. Who sits third to the right of Q?

Ans

A. C

B. R

C. A

D. D

Q.66 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

AXY−XUV
GDE−DAB

Ans

A. VRR−SPQ

B. VST−RPP

C. VRR−ROP

D. VST−SPQ

Q.67 Which of the following are homogeneous mixtures?
i. Salt in water
ii. Sugar in water
iii. Oil and water
iv. Copper sulphate in water

Ans

A. i, ii and iv only

B. iii and iv only

C. i and ii only

D. ii and iii only

Q.68

Ans

A. 5

B. 8

C. 1

D. 2

Q.69 **Which of the following does the 'inclusive rural development' mean?**

Ans

A. It involves ensuring that all members of the community, including marginalised groups, benefit from development initiatives.

B. It promotes exclusionary practices in rural communities.

C. It only addresses the needs of large landowners.

D. It is based solely on economic growth.

Q.70 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**

PIK IBD BUW UNP ?

Ans

A. NIG

B. NGI

C. NGY

D. NGT

Q.71 **The Kumaon Himalaya is located between:**

Ans

A. Teesta and Satluj Rivers

B. Indus and Teesta Rivers

C. Kali and Teesta Rivers

D. Satluj and Kali Rivers

Q.72 **Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. Only two boxes are kept below S. Only one box is kept above U. Only one box is kept between U and E. G is kept immediately above F. T is kept at some place below H.**
How many boxes are kept between H and G?

Ans

A. One

B. Three

C. Four

D. Two

Q.73 **The Permanent Settlement of Bengal (1793) introduced by Lord Cornwallis fixed revenue to be collected from which of the following?**

Ans

A. Village Panchayats

B. Moneylenders

C. Peasants directly

D. Zamindars

Q.74 **What should come in place of the question mark (?) in the given series?**

92 163 234 ? 376

Ans

A. 305

B. 341

C. 333

D. 312

Q.75 **Which of the following Articles of the Indian Constitution directs the State to make provision for securing just and humane conditions of work and for maternity relief?**

Ans

A. Article 44

B. Article 42

C. Article 46

D. Article 40

Q.76 **What happens to the total resistance when multiple resistors are connected in series?**

Ans

A. It equals the product of all individual resistances.

B. It equals the sum of all individual resistances.

C. It becomes less than the smallest resistance.

D. It becomes equal to the smallest resistance among them.

Q.77 **An amount becomes 729 times in 3 years, compounding half yearly. Find the rate of interest per annum.**

Ans

A. 200%

B. 300%

C. 100%

D. 400%

Q.78 **Team A can complete a job in 15 days and Team B in 20 days. They work together for 6 days, then Team A works alone for 3 days, after which Team A's efficiency reduces to 60% while Team B joins again at 120% efficiency. How many more days will it take to complete the job?**

Ans

A. $\frac{1}{2}$ day

B. $1\frac{1}{5}$ days

C. $1\frac{1}{2}$ days

D. 1 day

Q.79 **Which type of wind causes rainfall in India during the summer monsoon?**

Ans

A. North-east trade winds

B. South-east trade winds

C. South-west monsoon winds

D. North-west monsoon winds

Q.80 **In July 2025, AIIMS Bibinagar in collaboration with which of the following organisations jointly unveiled India's first indigenously designed and developed cost-effective advanced carbon fibre foot prosthesis named ADIDOC?**

Ans

A. Bharat Dynamics Limited

B. Bharat Forge Limited

C. Tata Advanced Systems Limited

D. Defence Research and Development Organisation

Q.81 **Which of the following acts provided (for the first time) for the association of Indians with the executive councils of the Viceroy and Governors?**

Ans

A. Indian Councils Act of 1909

B. Government of India Act of 1935

C. Government of India Act of 1919

D. Indian Independence Act of 1947

Q.82 In a certain code language, 'MOST' is coded as '9613' and 'STOP' is coded as '4319'. What is the code for 'P' in the given code language?

Ans

A. 6

B. 4

C. 3

D. 1

Q.83 What instrument is used to measure blood pressure?

Ans

A. Spirometer

B. Sphygmomanometer

C. Glucometer

D. Electroencephalograph

Q.84 Which of the following factors does the electrical resistance of a conductor depend on?

Ans

A. Only the length and cross-sectional area

B. Only the temperature of the conductor

C. The length, cross-sectional area, and material of the conductor

D. Only the voltage applied across the conductor

Q.85 In July 2025, which of the following institutes announced to develop an advanced AI+ campus, a first-of-its-kind greenfield campus at Amaravati in Andhra Pradesh?

Ans

A. Birla Institute of Technology and Science (BITS), Pilani

B. Bapatla Engineering College, Guntur

C. GMR Institute of Technology, Rajam

D. Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal

Q.86 If the third proportional of 45 and 60 is x, then what is the value of x?

Ans

A. 79

B. 80

C. 81

D. 77

Q.87 If the diameter of the moon is approximately one – fourth the diameter of the Earth, then the ratio of their surface areas is:

Ans

A. $1 : 12$

B. $4 : 1$

C. $1 : 4$

D. $1 : 16$

Q.88 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:

All cards are bikes.
All bikes are jeeps.

Conclusions:

(I) Some jeeps are bikes.
(II) All cards are jeeps.

Ans

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q.89 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.
QTW−SVY
YBE−ADG

Ans

A. CFI−DHJ

B. CFI−EHK

C. CEG−EHK

D. CEG−DGJ

Q.90 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) G R E Q T H C X Z O B Y M I S U K W A D F (Right)

How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans

A. 0

B. 1

C. 2

D. 3

Q.91 Which three essential nutrients are usually present in a balanced fertiliser?

Ans

A. Phosphorus, Calcium, Copper

B. Potassium, Iron, Boron

C. Nitrogen, Zinc, Sulphur

D. Nitrogen, Phosphorus, Potassium

Q.92 In May 2025, who was appointed as Director (R&D) of Bharat Electronics Limited (BEL), a Navratna Defence PSU?

Ans

A. Vikraman N

B. Hari Kumar R

C. Ranjish Sharma

D. KV Suresh Kumar

Q.93 What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

8 × 2 ÷ 16 = ?

Ans

A. 56

B. 64

C. 48

D. 60

Q.94 I sold my bike for ₹13,600 at a loss of 20%. What is the cost price?

Ans

A. ₹16,000

B. ₹21,000

C. ₹17,000

D. ₹18,000

Q.95 In which year was the 'Green Climate Fund' established to expand collective human action to respond to climate change?

Ans

A. 2018

B. 2014

C. 2010

D. 2022

Q.96 Which of the following correctly describes intercropping?

Ans

A. Cultivating crops without applying manure or compost

B. Planting the same crop repeatedly on the same land

C. Growing two or more crops together on the same field in a planned layout

D. Growing crops in rotation over different seasons

Q.97 Which type of lens is known as a diverging lens?

Ans

A. Plano - Convex lens

B. Convex lens

C. Cylindrical lens

D. Concave lens

Q.98 What is the mean of the following distribution?

Marks	13	33	51	76	83
No. of Students	53	13	24	23	16

Ans

A. 59

B. 42

C. 62

D. 55

Q.99 Each vowel in the word 'OLYMPICS' is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the fourth letter preceding it in the English alphabetical order. Then, all the letters are rearranged in the English alphabetical order. What will be the third letter from the right end in the new letter cluster thus formed?

Ans

A. P

B. T

C. U

D. Y

Q.100 Which administrative change was introduced after the Revolt of 1857?

Ans

A. The Governor-General of India was given the title of Viceroy.

B. The ratio of European to Indian soldiers in the army was increased.

C. Indian rulers were assured their states would not be annexed without misrule.

D. The East India Company rule was abolished and transferred to the British Crown.