



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सीईएन - 07/2025 - एनटीपीसी पूर्व-स्नातक स्तर - CEN - 07/2025 - NTPC UNDER GRADUATE LEVEL



Test Date	15/06/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC UnderGraduate CBT I

* 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 : Mathematics

Q.1 By selling lemons at 5 for a rupee, a man loses 34%. To gain 10% how many must he sell for a rupee?

- Ans
- ☒ A. 5
 - ☒ B. 4
 - ☒ C. 3
 - ☒ D. 2

Q.2 An article is sold at a profit of 21%. If the cost price is increased by ₹50 and the selling price is reduced by ₹69, then the profit would be 13.6%. What is the original cost price (in ₹) of the article?

- Ans
- ☒ A. 2,000
 - ☒ B. 1,700
 - ☒ C. 1,500
 - ☒ D. 1,400

Q.3 A man walks 6 km at a speed of 6 km/h and then runs 18 km at a speed of 9 km/h. What is his average speed (in km/h) for the entire distance?

- Ans
- ☒ A. 10
 - ☒ B. 9
 - ☒ C. 7
 - ☒ D. 8

Q.4 What is the mode of the following data?

43, 40, 41, 53, 50, 41, 44, 45, 43, 46, 48, 46, 51, 55, 52, 42, 46, 45

- Ans
- ☒ A. 46
 - ☒ B. 43
 - ☒ C. 40
 - ☒ D. 41

Q.5 A company has two departments, 'A' and 'B', with employees in the ratio 5:7, respectively. If 28 employees are transferred from department 'B' to 'A', the ratio becomes 1:1. How many employees does each department have originally?

- Ans**
- ☐ A. 140 in A, 84 in B
 - ☐ B. 150 in A, 84 in B
 - ☒ C. 140 in A, 196 in B
 - ☐ D. 140 in A, 96 in B

Q.6 Eduardo, Abraham and Xavier can finish a certain piece of work in 6, 34 and 36 days, respectively. All three of them started the work together. Eduardo left the work after 2 days and Abraham left just 3 days before the work was completed. Find the total number of days taken for the work to be completed.

- Ans**
- ☐ A. 11.7
 - ☐ B. 14.6
 - ☐ C. 15.2
 - ☒ D. 13.2

Q.7 Which formula correctly calculates simple interest when the principal, rate, and time are known?

- Ans**
- ☐ A. Simple Interest = Principal + Rate + Time
 - ☐ B. Simple Interest = Principal $\times$ Time / Rate
 - ☐ C. Simple Interest = Principal $\times$ Rate / Time
 - ☒ D. Simple Interest = (Principal $\times$ Rate $\times$ Time) / 100

Q.8 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 87% and 37%, shop II allows successive discounts of 81% and 37%, shop III allows successive discounts of 57% and 54% and shop IV allows successive discounts of 91%, 25%, and 59% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

- Ans**
- ☒ A. IV
 - ☐ B. II
 - ☐ C. III
 - ☐ D. I

Q.9 What smallest positive number should be subtracted from 3 and 5 so that 8 is the third proportional to them?

- Ans**
- ☐ A. -2
 - ☐ B. 2
 - ☐ C. -1
 - ☒ D. 1

Q.10 Given that $\tan \theta = 2$ and θ is in the first quadrant, what is the value of $\sec \theta$?

- Ans**
- ☐ A. $\sqrt{2}$
 - ☐ B. 2
 - ☐ C. $\sqrt{3}$
 - ☒ D. $\sqrt{5}$

Q.11 Find the smallest number which when divided by 9, 12 and 15 leaves a remainder 3 in each case.

- Ans**
- ☐ A. 363
 - ☐ B. 723
 - ☐ C. 123
 - ☒ D. 183

Q.12 The difference between the measure of an interior angle and an exterior angle of a regular polygon is 100° . What is the number of sides of the polygon?

- Ans
- ☒ A. 12
 - ☒ B. 8
 - ☒ C. 9
 - ☒ D. 10

Q.13 A and B invest ₹12,000 and ₹8,000, respectively, in a business. If the total profit is ₹10,000, what is A's share of profit?

- Ans
- ☒ A. ₹4,000
 - ☒ B. ₹5,000
 - ☒ C. ₹6,000
 - ☒ D. ₹7,000

Q.14 The median of the given distribution is 28.5. Find the missing frequency x.

Class	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	5	x	20	15	7	5

- Ans
- ☒ A. 10
 - ☒ B. 8
 - ☒ C. 3
 - ☒ D. 5

Q.15 The cost of five tables and seven chairs is ₹7040. If a table costs ₹400 more than a chair, find the cost of a table.

- Ans
- ☒ A. ₹420
 - ☒ B. ₹820
 - ☒ C. ₹700
 - ☒ D. ₹800

Q.16 A water pipe is in the shape of a hollow cylinder with an outer radius of 10 cm and an inner radius of 8 cm. If the length of the pipe is 2 m, what is the total surface area (including both ends and the inner and outer curved surfaces) of the pipe in square centimeters? (Use $\pi = 22/7$ and rounded off to the nearest integer)

- Ans
- ☒ A. 22855 cm^2
 - ☒ B. 25124 cm^2
 - ☒ C. 22848 cm^2
 - ☒ D. 18848 cm^2

Q.17 If 40% of a number exceeds 25% of it by 42, then the number is:

- Ans
- ☒ A. 300
 - ☒ B. 280
 - ☒ C. 260
 - ☒ D. 320

Q.18 A and B can do a piece of work in 12 days and 30 days, respectively. Both work for 4 days and then A leaves. How long (in days) will B take to complete the remaining work?

- Ans
- ☒ A. 15
 - ☒ B. 18
 - ☒ C. 17
 - ☒ D. 16

Q.19 The largest four-digit number which when divided by 11, 7 and 14 leaves the remainder 2 in each case, is:

- Ans**
- ☒ A. 9972
 - ☒ B. 9435
 - ☒ C. 9858
 - ☒ D. 9901

Q.20 Evaluate $23^3 + (-19)^3 + (-4)^3$

- Ans**
- ☒ A. 4958
 - ☒ B. 5089
 - ☒ C. 5244
 - ☒ D. 4998

Q.21 Venu invested a certain sum of money at 10% per annum. After 2 years, he received ₹136.50 as compound interest, compounded annually. Find the corresponding simple interest (in ₹) for 2 years at the same rate.

- Ans**
- ☒ A. 115
 - ☒ B. 125
 - ☒ C. 130
 - ☒ D. 120

Q.22 The simplified value of the expression $0.5 \times 0.125 \div 8^{-2}$ is ____.

- Ans**
- ☒ A. 2
 - ☒ B. 1
 - ☒ C. 4
 - ☒ D. 8

Q.23 If $4^x - 4^{x-1} = 48$, then the value of $\frac{2x-1}{2x+3}$ is:

- Ans**
- ☒ A. $\frac{5}{9}$
 - ☒ B. $\frac{5}{8}$
 - ☒ C. $\frac{5}{11}$
 - ☒ D. $\frac{5}{4}$

Q.24 A spherical tank has a diameter of 28 cm. What is the total surface area of the tank? (Use $\pi = 22/7$)

- Ans**
- ☒ A. 2456 cm²
 - ☒ B. 2458 cm²
 - ☒ C. 2464 cm²
 - ☒ D. 2460 cm²

Q.25 Patna Express leaves Delhi at 10:00 AM and reaches Patna at 7:00 PM the same day. Delhi Express leaves Patna at 2:00 PM and reaches Delhi at 1:00 AM on the next day. Both trains travel on the same route in opposite directions. At what time do they meet?

- Ans**
- ☒ A. 04:45PM
 - ☒ B. 04:30PM
 - ☒ C. 03:45PM
 - ☒ D. 04:15PM

Q.26 A trader marks his goods such that even after allowing a discount of 25%, he makes a profit of 10%. If he gives only 10% discount, then find the profit percentage.

- Ans**
- ☐ A. 28%
 - ☐ B. 30%
 - ☐ C. 35%
 - ☒ D. 32%

Q.27 Ramu is 8 years older than Keeran. Seven years ago, Ramu's age was three times Keeran's age. Find the present age of Ramu.

- Ans**
- ☐ A. 25 years
 - ☐ B. 23 years
 - ☒ C. 19 years
 - ☐ D. 16 years

Q.28 A retailer has fixed the price of an article at 20% above the cost price. If he offers a discount of ₹2 for a purchase of ₹30, what is his gain or loss percentage?

- Ans**
- ☐ A. 16% gain
 - ☐ B. 11% loss
 - ☐ C. 14% gain
 - ☒ D. 12% gain

Q.29 A recipe requires 0.75 cups of sugar and $1\frac{1}{4}$ cups of flour. What is the total amount (in cups) of ingredients used, expressed as a decimal?

- Ans**
- ☐ A. 2.5
 - ☐ B. 2.05
 - ☒ C. 2.0
 - ☐ D. 1.95

Q.30 Find the value of $\sqrt{\frac{(169)^2 \times (2.56)^2 \times (0.25)^2}{(13)^4 \times (1.6)^4 \times (0.5)^2}}$.

- Ans**
- ☐ A. 0.05
 - ☐ B. 1.5
 - ☐ C. 1.05
 - ☒ D. 0.5

Section : General Awareness

Q.31 Seleucus sent his ambassador Megasthenes to the court of which Mauryan ruler at Pataliputra?

- Ans**
- ☐ A. Bindusara
 - ☐ B. Brihadratha
 - ☐ C. Ashoka
 - ☒ D. Chandragupta Maurya

Q.32 Which of the following statements is NOT correct regarding the Indian Desert (Thar Desert)?

- Ans**
- ☐ A. To the northwest of the Aravali hills lies the Great Indian desert
 - ☐ B. During the Mesozoic era, this region is believed to have been under the sea.
 - ☒ C. This region receives low rainfall below 15 mm per year
 - ☐ D. It has an arid climate with low vegetation cover

Q.33 In October 2025, India and Spain signed a Memorandum of Understanding (MoU) to develop a world-class convention center in which Indian state?

- Ans**
- ☒ A. Maharashtra
 - ☐ B. Gujarat
 - ☐ C. Tamil Nadu
 - ☐ D. Madhya Pradesh

Q.34 Rashtriya Avishkar Abhiyan, introduced in 2015, focuses on encouraging school students to develop interest in:

- Ans**
- ☐ A. Environmental awareness programmes
 - ☒ B. Science and mathematics learning
 - ☐ C. Sports and physical education
 - ☐ D. Arts and cultural activities

Q.35 Which of the following was officially named the Host City for the 2030 Centenary edition, following approval at the 2025 Commonwealth Sport General Assembly in Glasgow (UK)?

- Ans**
- ☒ A. Ahmedabad
 - ☐ B. Pune
 - ☐ C. New Delhi
 - ☐ D. Bhopal

Q.36 Which state, as of December 2025, holds the highest number of UNESCO World Heritage Sites in India with a total of five?

- Ans**
- ☐ A. Karnataka
 - ☒ B. Maharashtra
 - ☐ C. Rajasthan
 - ☐ D. Uttar Pradesh

Q.37 Which historical policy skewed China's gender ratio at birth?

- Ans**
- ☐ A. Gender Equity Law
 - ☐ B. Universal Healthcare Act
 - ☒ C. One-Child Policy
 - ☐ D. Rural Migration Ban

Q.38 The President of India's "pocket veto" refers to:

- Ans**
- ☐ A. vetoing a law secretly
 - ☐ B. returning a bill for reconsideration
 - ☐ C. refusing to sign the budget
 - ☒ D. keeping a bill pending indefinitely

Q.39 Which mountain range in India is one of the oldest fold mountains in the world?

- Ans**
- ☐ A. Eastern Ghats
 - ☐ B. Himalayas
 - ☐ C. Karakoram Range
 - ☒ D. Aravalli Range

Q.40 The Constitution (88th) Amendment Act, 2003, is related to which tax?

- Ans**
- ☐ A. Wealth Tax
 - ☐ B. Property Tax
 - ☒ C. Service Tax
 - ☐ D. Goods and Services Tax

Q.41 During which edition of the BIMSTEC Summit was the “Bangkok Vision 2030” approved?

- Ans**
- ☐ A. Fifth
 - ☐ B. Eighth
 - ☐ C. Third
 - ☒ D. Sixth

Q.42 Which of the following major battles did Maulvi Ahmadullah Shah participate in during the revolt of 1857?

- Ans**
- ☐ A. Battle of Kanpur
 - ☐ B. Battle of Plassey
 - ☐ C. Battle of Jhansi
 - ☒ D. Battle of Chinhat

Q.43 Which of the following cricket players was awarded the Sir Garfield Sobers Award for ICC Men’s Cricketer of the Year 2024?

- Ans**
- ☒ A. Jasprit Bumrah
 - ☐ B. Travis Head
 - ☐ C. Joe Root
 - ☐ D. Mitchell Starc

Q.44 Who among the following presided over the first session of the Indian National Congress held in 1885?

- Ans**
- ☐ A. Dinshaw Wacha
 - ☐ B. Allan Octavian Hume
 - ☒ C. Womesh Chandra Bonnerjee
 - ☐ D. Dadabhai Naoroji

Q.45 The Munda languages of India belong to which language family?

- Ans**
- ☒ A. Austroasiatic
 - ☐ B. Sino-Tibetan
 - ☐ C. Indo-Aryan
 - ☐ D. Dravidian

Q.46 When was national Agriculture policy launched in India?

- Ans**
- ☐ A. 2007
 - ☐ B. 2002
 - ☒ C. 2000
 - ☐ D. 2005

Q.47 Which of the following Articles of the Indian Constitution provides free legal aid to the poor and weaker sections of the society?

- Ans**
- ☒ A. Article 39 A
 - ☐ B. Article 51 A
 - ☐ C. Article 29
 - ☐ D. Article 78

Q.48 Women's Reservation (The Constitution One Hundred Twenty-Eighth Amendment) Bill 2023 passed by the Parliament provides one-third reservation of all seats for women in Lok Sabha, state legislative assemblies and the Legislative Assembly of the National Capital Territory of Delhi for an initial period of how many years?

- Ans**
- ☐ A. 5 Years
 - ☐ B. 10 Years
 - ☐ C. 20 Years
 - ☒ D. 15 Years

Q.49 Which report, released in 2025, gives a perception-based safety score of urban women across 31 Indian cities?

- Ans**
- ☐ A. Women Safety Report 2025
 - ☐ B. Safe City Report 2025
 - ☐ C. Urban Women Index 2025
 - ☒ D. NARI 2025 Index

Q.50 What was the theme of the 10th National Consultation conducted on 11-12 October 2025?

- Ans**
- ☐ A. Digital Future for Children
 - ☐ B. Education for All
 - ☐ C. Protecting Child Labourers
 - ☒ D. Safeguarding the Girl Child

Q.51 The Fiscal Responsibility and Budget Management (FRBM) Act was enacted in which year in India?

- Ans**
- ☒ A. 2003
 - ☐ B. 2005
 - ☐ C. 2004
 - ☐ D. 2001

Q.52 Which region in India is best known for slash-and-burn agriculture (jhum)?

- Ans**
- ☒ A. North-Eastern Hills
 - ☐ B. Deccan Plateau
 - ☐ C. Western Ghats
 - ☐ D. Indo-Gangetic Plain

Q.53 In standard Windows Sleep mode on a laptop, where is the current session primarily stored while the machine is idle?

- Ans**
- ☐ A. Permanently in the BIOS chip
 - ☐ B. On the system drive only
 - ☒ C. In RAM, which remains powered with a small amount of electricity
 - ☐ D. In the CPU cache only

Q.54 India's Aeronautical Development Agency (ADA) successfully conducted the test launch of the Astra Beyond Visual Range Air-to-Air Missile (BVRAAM) from the LCA Tejas AF MK1 prototype in ____.

- Ans**
- ☐ A. Kerala
 - ☒ B. Odisha
 - ☐ C. Gujarat
 - ☐ D. Andhra Pradesh

Q.55 Which of the following states has high population density due to early human settlement and development?

- Ans**
- ☐ A. Meghalaya
 - ☐ B. Sikkim
 - ☒ C. Uttar Pradesh
 - ☐ D. Rajasthan

Q.56 The discovery of the atomic nucleus by bombarding a thin gold foil with alpha particles is associated with which of the following scientists?

- Ans**
- ☒ A. Ernest Rutherford
 - ☐ B. John Dalton
 - ☐ C. Robert Boyle
 - ☐ D. Dmitri Mendeleev

Q.57 The dominant sights at Lothal are the _____, which have helped make this place so important to international archaeology.

- Ans**
- ☐ A. Granaries
 - ☒ B. Dockyards
 - ☐ C. Great Baths
 - ☐ D. Citadels

Q.58 The process of growth and healing in the body is supported by which food component?

- Ans**
- ☐ A. Vitamins
 - ☐ B. Minerals
 - ☒ C. Proteins
 - ☐ D. Fats

Q.59 Ustad Bismillah Khan was most closely associated with which musical instrument?

- Ans**
- ☐ A. Sarod
 - ☒ B. Shehnai
 - ☐ C. Tabla
 - ☐ D. Sitar

Q.60 When you choose 'Shut down' in Windows, what happens?

- Ans**
- ☐ A. The PC saves the session to the disk and then powers off
 - ☒ B. All apps and data are closed and the PC powers off completely
 - ☐ C. The PC goes into stand-by mode
 - ☐ D. The PC enters a low-power state but keeps apps in memory

Q.61 The Central Administrative Tribunal (CAT) was established under which law?

- Ans**
- ☐ A. Central Services Act, 1985
 - ☐ B. Administrative Reforms Act, 1980
 - ☒ C. Administrative Tribunals Act, 1985
 - ☐ D. Public Service Commission Act, 1986

Q.62 Which Article of the Constitution of India grants the “Right to Constitutional Remedies,” empowering individuals to move the Supreme Court for enforcement of Fundamental Rights?

- Ans**
- ☐ A. Article 21
 - ☐ B. Article 226
 - ☒ C. Article 32
 - ☐ D. Article 19

Q.63 In a laboratory, copper sulphate solution reacts with iron filings, causing a colour change and the deposition of a new metal. Which statement correctly explains the reason for this reaction?

- Ans**
- ☐ A. Copper is more reactive than iron
 - ☐ B. Iron and copper belong to the same group
 - ☐ C. Iron and copper sulphate have similar reactivity
 - ☒ D. Iron is more reactive than copper

Q.64 Which Constitutional Article was primarily referenced by the Supreme Court in the declaration of maternity leave being a constitutional right even for a third child, in May 2025?

- Ans**
- ☐ A. Article 27
 - ☐ B. Article 19
 - ☒ C. Article 21
 - ☐ D. Article 14

Q.65 Which part of the small intestine in the human digestive system receives bile from the gall bladder and pancreatic juice from the pancreas through a common bile duct?

- Ans**
- ☒ A. Duodenum
 - ☐ B. Jejunum
 - ☐ C. Ileum
 - ☐ D. Colon

Q.66 The Wahabi Movement primarily originated in which region of India?

- Ans**
- ☐ A. Bengal
 - ☐ B. Punjab
 - ☒ C. Bihar
 - ☐ D. Delhi

Q.67 Which among the following measures was introduced by Muhammad bin Tughlaq to address the shortage of silver?

- Ans**
- ☒ A. Token currency
 - ☐ B. Prohibition of wine
 - ☐ C. Garrison towns
 - ☐ D. Land revenue reforms

Q.68 How many control characters are included in the original 7-bit ASCII standard?

- Ans**
- ☐ A. 16
 - ☐ B. 64
 - ☒ C. 32
 - ☐ D. 33

Q.69 The speed at which a Central Processing Unit (CPU) executes instructions is primarily determined by its clock rate, which is typically measured in gigahertz (GHz). If a CPU has a clock rate of 3.5 GHz, approximately how many clock cycles occur every second?

- Ans**
- ☐ A. 350 cycles per second
 - ☐ B. 3.5 million cycles per second
 - ☒ C. 3.5 billion cycles per second
 - ☐ D. 3.5 thousand cycles per second

Q.70 The asthenosphere plays an important role in plate movements because:

- Ans**
- ☒ A. It is partially molten and allows plates to move
 - ☐ B. It is made of water bodies
 - ☐ C. It is perfectly solid and rigid
 - ☐ D. It forms the Earth's magnetic field

Section : General Intelligence and Reasoning

Q.71 Based on the alphabetical order, three of the following four 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 man out is not based on the number of consonants/vowels or their position in the letter cluster.)

- Ans**
- ☐ A. AWY
 - ☐ B. CYA
 - ☒ C. OLM
 - ☐ D. EAC

Q.72 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CIF IOL OUR UAX ?

- Ans**
- ☐ A. STH
 - ☒ B. AGD
 - ☐ C. FYH
 - ☐ D. MFY

Q.73 The position(s) of how many letters will remain unchanged if each letter in the word COMBINE is arranged in the English alphabetical order?

- Ans**
- ☒ A. 1
 - ☐ B. 3
 - ☐ C. 0
 - ☐ D. 2

Q.74 DVUK is related to GZZQ in a certain way based on the English alphabetical order. In the same way, PLOI is related to SPTO. To which of the following options is YXDA related, following the same logic?

- Ans**
- ☐ A. BGIG
 - ☒ B. BBIG
 - ☐ C. GBBI
 - ☐ D. BGIB

Q.75 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept above F. Only three boxes are kept below C. B is kept above G but below D. E is kept immediately above F but below A. How many boxes are kept between A and C?

- Ans**
- ☐ A. One
 - ☒ B. Two
 - ☐ C. Three
 - ☐ D. None

Q.76 All 195 people are standing in a row facing north. Rt is 143rd from the left end while KI is 36th from the right end. How many people are there between Rt and KI?

- Ans**
- ☐ A. 14
 - ☐ B. 12
 - ☐ C. 13
 - ☒ D. 16

Q.77 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.)

- Ans**
- ☒ A. GY - FV
 - ☒ B. TL - SI
 - ☒ C. AI - ZF
 - ☒ D. QC - PY

Q.78 In a certain code language, 'MOPS' is coded as '5863' and 'POEM' is coded as '8765'. What is the code for 'E' in the given code language?

- Ans**
- ☒ A. 6
 - ☒ B. 8
 - ☒ C. 7
 - ☒ D. 5

Q.79 Each vowel in the word 'VOLUNTARY' is changed to the second letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which letter will appear exactly twice in the group of letters thus formed?

- Ans**
- ☒ A. M
 - ☒ B. Q
 - ☒ C. W
 - ☒ D. K

Q.80 What should come in place of '?' in the given series based on the English alphabetical order?

MAI PEN SIS VMX ?

- Ans**
- ☒ A. YQC
 - ☒ B. ZRD
 - ☒ C. ZRC
 - ☒ D. APD

Q.81 If + means -, - means ×, × means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$9 - 4 + 45 \times 5 \div 3 = ?$$

- Ans**
- ☒ A. 35
 - ☒ B. 30
 - ☒ C. 20
 - ☒ D. 25

Q.82 In a certain code language, 'FAME' is coded as '8341' and 'FEAL' is coded as '6438'. What is the code for 'L' in the given code language?

- Ans**
- ☒ A. 6
 - ☒ B. 8
 - ☒ C. 3
 - ☒ D. 4

Q.83 In a certain code language,
 $A \times B$ means 'A is the mother of B',
 $A - B$ means 'A is the brother of B',
 $A + B$ means 'A is the wife of B' and
 $A * B$ means 'A is the father of B'.

How is H related to J if 'H - I + O * D x J'?

- Ans ☒ A. Mother's mother's brother
☒ B. Mother's mother's father
☒ C. Son
☒ D. Husband

Q.84 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 letter-cluster pair 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.)

- Ans ☒ A. OP - EA
☒ B. UV - KG
☒ C. JK - WV
☒ D. MN - CY

Q.85 If + means $\times$, - means $\times$, $\times$ means $\div$, and $\div$ means +, then what will come in place of the question mark (?) in the following equation?

$$38 - 25 \div 133 + 703 \times 19 = ?$$

- Ans ☒ A. 1046
☒ B. 1052
☒ C. 1191
☒ D. 1156

Q.86 Read the given statement(s) 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 conclusions logically follow(s) from the statement(s).

Statements:

Some cameras are pictures.
 Some pictures are monkeys.

Conclusions:

(I) Some cameras are monkeys.
 (II) All monkeys are pictures.

- Ans ☒ A. Both conclusions (I) and (II) follow
☒ B. Only conclusion (II) follows
☒ C. Neither conclusion (I) nor (II) follows
☒ D. Only conclusion (I) follows

Q.87 Read the given statement(s) 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 conclusions logically follow(s) from the statement(s).

Statements: All kings are buttons. No pants are kings.

Conclusion (I): All buttons are kings.

Conclusion (II): Some buttons are not pants.

- Ans ☒ A. Both conclusions (I) and (II) follow
☒ B. Only conclusion (I) follows
☒ C. Only conclusion (II) follows
☒ D. Neither conclusion (I) nor (II) follows

Q.88 What should come in place of '?' in the given series?
486 441 401 366 336 ?

- Ans**
- ☒ A. 313
 - ☒ B. 310
 - ☒ C. 311
 - ☒ D. 312

Q.89 A, B, C, D, S, T and U are sitting around a circular table, facing the centre of the table. Only three people sit between B and C, when counted from the left of B. Only three people sit between U and T, when counted from the right of T. D sits to the immediate right of U. A is an immediate neighbor of T as well as C. Who sits second to the left of S?

- Ans**
- ☒ A. A
 - ☒ B. C
 - ☒ C. T
 - ☒ D. U

Q.90 What will come in place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and 'x' are interchanged?
 $14 - 2 \times 48 + 3 \div 7 = ?$

- Ans**
- ☒ A. 23
 - ☒ B. 19
 - ☒ C. 14
 - ☒ D. 7

Q.91 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FOL ZIF TCZ NWT ?

- Ans**
- ☒ A. HQN
 - ☒ B. HNY
 - ☒ C. HNJ
 - ☒ D. HON

Q.92 Seven people, U, T, E, N, S, I and L, are sitting in a row, facing the north. Only E sits to the left of N. Only four people sit between E and T. Only U sits between I and L and I is not an immediate neighbor of T. Who sits at the extreme right of the line?

- Ans**
- ☒ A. U
 - ☒ B. L
 - ☒ C. S
 - ☒ D. N

Q.93 KG 13 is related to IC -2 in a certain way. In the same way, NH 20 is related to LD 5. To which of the following is NW 24 related, following the same logic?

- Ans**
- ☒ A. LS 9
 - ☒ B. MS 11
 - ☒ C. MR 11
 - ☒ D. LR 9

Q.94 What should come in place of '?' in the given series?
70 80 ? 106 122 140

- Ans**
- ☒ A. 100
 - ☒ B. 94
 - ☒ C. 96
 - ☒ D. 92

- Q.95** 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.)

(2, 11, 31)
(13, 10, 41)

- Ans** ☒ A. (29, 19, 56)
☒ B. (6, 1, 25)
☒ C. (8, 22, 45)
☒ D. (10, 20, 50)

- Q.96** Sitara starts from Point A and drives 23 km towards the west. He then takes a left turn, drives 24 km, turns left and drives 33 km. He then takes a left turn and drives 34 km. He takes a final left turn, drives 10 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- Ans** ☒ A. 11 km to the east
☒ B. 10 km to the south
☒ C. 8 km to the south
☒ D. 9 km to the north

- Q.97** Seven boxes L, M, N, O, P, Q and R are kept one over the other but not necessarily in the same order. Only one box is kept between R and O. R is kept on one of the positions above O. Box N is kept immediately below L. Q is placed at the topmost position. Exactly three boxes are kept between P and M. P is kept on one of the positions above M. Box M is kept immediately above O. Which box is kept fourth from the top?

- Ans** ☒ A. L
☒ B. P
☒ C. N
☒ D. M

- Q.98** Refer to the given letter series and answer the question that follows.

(Left) P W I C T G T X W J N L X T D X E S C S Z (Right)

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

- Ans** ☒ A. One
☒ B. Two
☒ C. None
☒ D. Three

- Q.99** Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

QMO–KGI
RNP–LHJ

- Ans** ☒ A. KFG–EAC
☒ B. KGI–EAC
☒ C. KFG–DZB
☒ D. KGI–DAB

Q.100 In a certain code language,
 $A \div B$ means 'A is the son of B',
 $A \# B$ means 'A is the wife of B',
 $A + B$ means 'A is the brother of B' and
 $A \& B$ means 'A is the father of B'.

How is S related to H if ' $S \div D \& R \# Y + H$ '?

- Ans**
- ☐ A. Brother's brother
 - ☐ B. Wife's brother
 - ☒ C. Brother's wife's brother
 - ☐ D. Brother's wife's father