रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	09/05/2026
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 **A sum of money amounts to ₹19,360 in 3 years at 10% per annum, compounded annually. The compound interest (in ₹) earned is (Round off your answer to the nearest paise.)**

Ans
- ✗ A. ₹4914.55
- ✗ B. ₹4714.55
- ✗ C. ₹4614.55
- ✓ D. ₹4814.55

Q.2 **Three automatic doors in a metro station undergo system checks at regular intervals of 14 minutes, 18 minutes, and 21 minutes, respectively. If all three doors are checked together at the start, after how many minutes will they be checked together again for the first time?**

Ans
- ✗ A. 132 minutes
- ✓ B. 126 minutes
- ✗ C. 142 minutes
- ✗ D. 136 minutes

Q.3 **Aman and Raj invested ₹12,000 and ₹18,000, respectively, in a business. After one year, they earned a profit of ₹15,000. How much profit will each get?**

Ans
- ✗ A. Aman: ₹8,000, Raj: ₹7,000
- ✗ B. Aman: ₹7,500, Raj: ₹7,500
- ✓ C. Aman: ₹6,000, Raj: ₹9,000
- ✗ D. Aman: ₹5,000, Raj: ₹10,000

Q.4 **Two trains, X and Y, start at the same time from Delhi and Mumbai towards each other. After meeting, train X takes 6 hours to reach Mumbai, and train Y takes 8 hours to reach Delhi. If train X's speed is 60 km/h, what is the speed of train Y?**

Ans
- ✗ A. $28\sqrt{3}$ km/h
- ✗ B. $30\sqrt{2}$ km/h
- ✗ C. $28\sqrt{2}$ km/h
- ✓ D. $30\sqrt{3}$ km/h

Q.5 The value of $(\cos^2 67° - \sin^2 23°) + 4 \cos 30°$ is:

Ans

✔ A. $2\sqrt{3}$

✘ B. $3\sqrt{2}$

✘ C. $\sqrt{3}$

✘ D. $5\sqrt{2}$

Q.6 Find the median of the following data (correct to two places of decimal).

Class interval	0-6	6-12	12-18	18-24	24-30	30-36
Frequency	5	7	10	13	9	8

Ans

✘ A. 29.73

✘ B. 21.23

✔ C. 19.85

✘ D. 26.48

Q.7 A cylindrical tank has a radius of 7 m and a height of 11 m. How many litres of water can it hold? (Use π = 22/7)

Ans

✔ A. 16,94,000

✘ B. 16,74,000

✘ C. 16,64,000

✘ D. 16,84,000

Q.8 A shopkeeper bought 7 decorative lamps for ₹2,850. Due to damage, 2 lamps could not be sold. He sold the remaining lamps at ₹360 each. What is his total loss (in ₹)?

Ans

✘ A. ₹960

✔ B. ₹1,050

✘ C. ₹840

✘ D. ₹1,100

Q.9 The cost of a certain fabric is directly proportional to its length for a given width. If the cost of 8 meters of the fabric is ₹3,200, what will be the cost of 25 meters of the same fabric?

Ans

✘ A. ₹9,800

✘ B. ₹9,400

✔ C. ₹10,000

✘ D. ₹9,600

Q.10 Find the mode of the following distribution:

Class	5-15	15-25	25-35	35-45
Frequency	6	14	18	12

Ans

✔ A. 29

✘ B. 30

✘ C. 28

✘ D. 26

Q.11 40 persons begin to work together on a job. But after some days 10 persons left the work. As a result, the job which should have been completed in 50 days is completed in 60 days. How many days after the commencement of the work did the 10 persons leave?

Ans

✘ A. 15

✘ B. 18

✘ C. 22

✔ D. 20

Q.12 If p is a prime number and GCD (p^2-1, p^2+1) = 2, then the value of p must be:

Ans
- ✗ A. Any prime number
- ✓ B. Any odd prime
- ✗ C. Only 3
- ✗ D. Only 2

Q.13 A car covers a distance of 180 km in 3 hours. Find its average speed.

Ans
- ✗ A. 50 km/h
- ✗ B. 70 km/h
- ✗ C. 80 km/h
- ✓ D. 60 km/h

Q.14 Riya and Neha have certain amount of money. If Riya gives ₹20 to Neha, then Riya will have three times as much money as Neha. However, if Neha gives ₹40 to Riya, then Riya will have five times as much money as Neha. What is the total amount of money (in ₹) that Riya and Neha initially had together?

Ans
- ✗ A. 710
- ✗ B. 690
- ✓ C. 720
- ✗ D. 700

Q.15 In a fitness park, a straight walking path is divided into three consecutive segments. The lengths of the first and third segments are 18 m and 50 m respectively. If the length of the middle segment is the mean proportional between the other two, what is its length?

Ans
- ✓ A. 30 m
- ✗ B. 27 m
- ✗ C. 25 m
- ✗ D. 36 m

Q.16 A solid right circular cylinder has curved surface area 1408π cm^2. If the volume of the cylinder is maximum, then the ratio of radius to height is

Ans
- ✗ A. 1:4
- ✗ B. 2:1
- ✗ C. 1:3
- ✓ D. 1:2

Q.17 In a parallelogram, the difference of two adjacent angles is 40°. Find the measure of the smaller angle.

Ans
- ✗ A. 60°
- ✗ B. 80°
- ✗ C. 50°
- ✓ D. 70°

Q.18 Two taps can fill a cistern in 4 hours and 18 hours, respectively. A third tap can empty it in 18 hours. How long (in hours) will it take to fill one-fourth of the empty cistern if all the taps are opened together?

Ans
- ✗ A. 2
- ✗ B. 3
- ✗ C. 4
- ✓ D. 1

Q.19 The price of an article increases and decreases alternately by 20% every year. If the difference between the prices at the end of the second year and third year is ₹1,920, find 40% of the price (in ₹) of the article at the end of the first year.

Ans
- ✔ A. ₹4,800
- ✘ B. ₹3,200
- ✘ C. ₹2,400
- ✘ D. ₹3,600

Q.20 A shopkeeper offers the following schemes on toys of the same marked price.
(A) Successive discounts of 18% and 39% on any number of toys bought.
(B) Successive discounts of 29%, 45% and 4% on any number of toys bought.
(C) 29% discount on the first 8 toys and 31% discount on each toy thereon.
(D) 7 toys free of cost on buying 8 toys.
A customer wants to buy 8 toys. Which of the above schemes is the least beneficial to her?

Ans
- ✘ A. B
- ✔ B. C
- ✘ C. A
- ✘ D. D

Q.21 Simplify: $18-[6\times2-(3+1)]+7$

Ans
- ✔ A. 17
- ✘ B. 15
- ✘ C. 21
- ✘ D. 19

Q.22 The price of an article is decreased by 24%, but the daily sale of the article is increased by 33%. Find the net effect on the daily sale receipts.

Ans
- ✘ A. 2.16% decrease
- ✘ B. 2.16% increase
- ✔ C. 1.08% increase
- ✘ D. 1.08% decrease

Q.23 If 9 notebooks cost ₹135, how much will 20 notebooks of the same type cost?

Ans
- ✘ A. ₹270
- ✔ B. ₹300
- ✘ C. ₹280
- ✘ D. ₹320

Q.24 Three numbers are in the ratio 5 : 14 : 9, and their LCM is 7560. Their HCF is:

Ans
- ✘ A. 11
- ✔ B. 12
- ✘ C. 53
- ✘ D. 32

Q.25 A trader sells rice, claiming 1 kg but actually gives x grams. He marks the price 20% above the cost price and gives a 10% discount on the marked price. If his overall profit is 25%, find x.

Ans
- ✔ A. 864
- ✘ B. 856
- ✘ C. 825
- ✘ D. 870

Q.26 Find the value of m which satisfies

$$\left(\frac{23}{5}\right)^{13} \times \left(\frac{5}{23}\right)^{9} \times \left(\frac{23}{5}\right)^{5} = \left(\frac{5}{23}\right)^{6m+9}$$

Ans

✗ A. 11

✗ B. 4

✗ C. 5

✓ D. -3

Q.27 A shopkeeper sells a watch for ₹840 after giving a 30% discount. What was the marked price (in ₹) of the watch?

Ans

✗ A. 1,100

✗ B. 1,050

✓ C. 1,200

✗ D. 1,000

Q.28 Five years ago, the age of Kavita was one-third of the present age of her mother. After 5 years, the sum of their ages will be 75 years. What is Kavita's present age?

Ans

✗ A. 21 years

✗ B. 23 years

✗ C. 22 years

✓ D. 20 years

Q.29 Sarang invested a certain sum of money at 10% per annum. After 2 years, he received ₹178.5 as compound interest, compounded annually. Find the corresponding simple interest (in ₹) for 2 years at the same rate.

Ans

✗ A. 180

✓ B. 170

✗ C. 185

✗ D. 165

Q.30 The sum of two positive numbers is 77 and their product is 1392. The positive difference between them is:

Ans

✗ A. 21

✓ B. 19

✗ C. 37

✗ D. 24

Section : **General Awareness**

Q.31 The CPU retrieves the upcoming instruction for execution from which system component?

Ans

✗ A. System output register

✗ B. System secondary memory

✓ C. System program counter

✗ D. System input buffer unit

Q.32 Who among the following succeeded Raja Ram Mohan Roy as the leader of the Brahmo Samaj?

Ans

✓ A. Debendra Nath Tagore

✗ B. Swami Vivekananda

✗ C. Keshub Chandra Sen

✗ D. Dwarkanath Tagore

Q.33 The sports event Bastar Olympics 2025 was launched in October 2025 in which Indian state?

Ans
- ✔ A. Chhattisgarh
- ✘ B. Jharkhand
- ✘ C. Madhya Pradesh
- ✘ D. Odisha

Q.34 What happens to the speed of sound as the temperature of the air increases?

Ans
- ✘ A. It remains the same, as the speed is constant in a given medium
- ✘ B. It decreases rapidly because the air molecules move extremely slower
- ✘ C. It decreases, because the air becomes less dense
- ✔ D. It increases, because the air molecules move faster

Q.35 The Hornbill Festival, celebrated to showcase tribal culture, music, dance, and sports, is associated with which Indian state?

Ans
- ✘ A. Assam
- ✘ B. Manipur
- ✘ C. Meghalaya
- ✔ D. Nagaland

Q.36 Which river rises west of the Rohtang pass in the Kullu hills of Himachal Pradesh and flows through the Chamba valley of the state?

Ans
- ✘ A. Jhelam river
- ✘ B. Beas river
- ✘ C. Chenab river
- ✔ D. Ravi river

Q.37 Which trophy is contested between the England and Scotland teams in the Rugby Six Nations Championship, 2025?

Ans
- ✘ A. European Nations Trophy
- ✔ B. Calcutta Cup
- ✘ C. Millennium Cup
- ✘ D. Triple Crown Trophy

Q.38 In the reaction $Na_2SO_4(aq) + BaCl_2(aq) \rightarrow BaSO_4(*) + 2NaCl(aq)$, what will be the actual physical state that can replace (*)?

Ans
- ✘ A. (g)
- ✘ B. (aq)
- ✘ C. (l)
- ✔ D. (s)

Q.39 Who among the following won the 2024 Nobel Prize in literature?

Ans
- ✘ A. Haruki Murakami
- ✘ B. Gerald Murnane
- ✔ C. Han Kang
- ✘ D. Can Xue

Q.40 In 2025, the AGILE Index was introduced to measure which of the following areas globally?

Ans
- ✔ A. AI governance evaluation across countries
- ✘ B. Digital infrastructure readiness
- ✘ C. Global economic competitiveness
- ✘ D. Environmental policy performance

Q.41 Service and trade fall under which type of economic activities?

Ans

✗ A. Quaternary

✗ B. Primary

✗ C. Secondary

✓ D. Tertiary

Q.42 Who became the Chief Minister of Delhi in February 2025, marking the Bharatiya Janata Party's return to power in the capital after 27 years?

Ans

✗ A. Manish Sisodia

✓ B. Rekha Gupta

✗ C. Parvesh Verma

✗ D. Atishi Marlena

Q.43 Which seismic waves are the fastest and travel through both solids and liquids inside the Earth?

Ans

✗ A. Rayleigh waves

✓ B. P waves

✗ C. S waves

✗ D. Surface waves

Q.44 How did the Swadeshi movement aim to counter British policies after 1905?

Ans

✗ A. By supporting colonial factory laws restricting local enterprises.

✓ B. By promoting indigenous industries and rejecting foreign products.

✗ C. By creating diplomatic councils to negotiate tariff concessions.

✗ D. By adopting military drills to train youth for organised defence.

Q.45 Which schedule contains the assigned functions of the Rural Local Self Government or the Panchayati Raj?

Ans

✗ A. 10th Schedule

✓ B. 11th Schedule

✗ C. 12th Schedule

✗ D. 9th Schedule

Q.46 The Foreign Exchange Management Act (FEMA) was enacted in 1999 to replace the earlier FERA law. In which year did FEMA officially come into force?

Ans

✓ A. 2000

✗ B. 1997

✗ C. 2002

✗ D. 1999

Q.47 Which of the following courts is empowered to impose the highest punishment among the subordinate courts in India?

Ans

✗ A. Civil Court

✗ B. Consumer Court

✓ C. Sessions Court

✗ D. Family Court

Q.48 Which of the following statements about volcanism is most accurate in the context of geomorphic processes?

Ans

✓ A. It mainly builds or elevates parts of the crust

✗ B. It only lowers existing landforms

✗ C. It is controlled by rainfall and temperature

✗ D. It requires running water to operate

Q.49 Harshavardhana's sister, Rajyashri, was married to whom among the following?

Ans
- ✗ A. Rudrasena II
- ✗ B. Shashanka
- ✓ C. Grahavarman
- ✗ D. Devgupta

Q.50 India follows which model of citizenship under its Constitution?

Ans
- ✓ A. One: only Indian citizenship
- ✗ B. Two: national and state
- ✗ C. Two: national and regional
- ✗ D. Three: local, state, national

Q.51 The Government of India Act, 1935, provided _____.

Ans
- ✗ A. Dyarchy in provinces
- ✗ B. Separate electorates for Hindus only
- ✓ C. Provincial autonomy and federal structure
- ✗ D. Separate electorates for all communities

Q.52 The 'Make in India' initiative launched by the Government of India in 2014 is primarily focused on which of the following?

Ans
- ✗ A. improving healthcare facilities
- ✗ B. promoting agricultural exports
- ✓ C. boosting manufacturing and job creation
- ✗ D. enhancing tourism

Q.53 The Kadamba dynasty was founded by _____, an expert in guerrilla warfare.

Ans
- ✗ A. Mahendravarman
- ✗ B. Pulakesin
- ✗ C. Vinayaditya
- ✓ D. Mayurasarman

Q.54 Which of the following statements about the Directive Principles of State Policy is correct?

Ans
- ✗ A. They can be enforced by any citizen through writ petitions.
- ✗ B. They are enforceable by the courts as Fundamental Rights.
- ✓ C. They are non-justiciable guidelines that aim to establish a just society.
- ✗ D. They are absolute and cannot be amended under any circumstance.

Q.55 In December 2025, which country officially extended an offer to India for the localised production of the fifth-generation Su-57 stealth fighter jets?

Ans
- ✗ A. France
- ✗ B. America
- ✓ C. Russia
- ✗ D. Japan

Q.56 What is the primary reason for the rapid population growth in developing countries during the second stage of the Demographic Transition Model?

Ans
- ✗ A. High birth rates and high death rates
- ✗ B. Low birth rates and low death rates
- ✓ C. High birth rates and declining death rates
- ✗ D. Low birth rates and high death rates

Q.57 A user is leaving their laptop unattended for the entire weekend and wants to ensure zero battery consumption while still being able to resume their exact work session (all open applications and files) quickly when they return on Monday. Which power-saving mode in Windows should they choose?

Ans

✗ A. Shut Down, because it is the only way to achieve zero power consumption.

✓ B. Hibernate, because it saves the entire system state to the hard disk and powers down completely.

✗ C. Hybrid Sleep, because it uses both RAM and the hard drive to store the session.

✗ D. Sleep (Standby), because it maintains the session in RAM for a very quick resume.

Q.58 Pressure is measured in which SI unit?

Ans

✗ A. N·m

✗ B. m^2/N

✓ C. N/m^2

✗ D. N/m

Q.59 Which first-of-its-kind propellant-production device did ISRO unveil in February 2025?

Ans

✓ A. 10-tonne Vertical Planetary Mixer

✗ B. Automated liquid oxygen plant

✗ C. 3D-printed fuel injector assembly

✗ D. Horizontal mixing facility

Q.60 If a new union territory is created, who will appoint its administrator?

Ans

✓ A. The President of India

✗ B. The Chief Minister of the nearest state

✗ C. The Parliament of India

✗ D. The Prime Minister of India

Q.61 Electrical conductors are materials that possess which of the following properties?

Ans

✓ A. Low resistivity

✗ B. Constant resistivity

✗ C. No resistivity

✗ D. High resistivity

Q.62 Which shortcut saves the current file in Microsoft Word or Microsoft Excel?

Ans

✗ A. Ctrl + Tab

✓ B. Ctrl + S

✗ C. Ctrl + F

✗ D. Ctrl + V

Q.63 Which temple in Odisha is renowned for its chariot-shaped structure and is a prime example of Kalinga architecture?

Ans

✓ A. Sun Temple

✗ B. Lingaraja Temple

✗ C. Jagannath Temple

✗ D. Mukteshvara Temple

Q.64 Aruna Mohanty, who received the Padma Shree award in 2017, is associated with which of the following dance forms?

Ans

✗ A. Manipuri

✗ B. Bharatanatyam

✓ C. Odissi

✗ D. Kathakali

Q.65 As per International Renewable Energy Agency (IRENA) data, which country has the largest installed hydropower capacity in the world as of 2025?

Ans
- ✔ A. China
- ✘ B. United States
- ✘ C. Brazil
- ✘ D. Canada

Q.66 Articles 245 to 255 of Part XI of the Indian Constitution primarily deal with which aspect of Centre-State relations?

Ans
- ✘ A. Administrative relations
- ✔ B. Legislative relations
- ✘ C. Judicial relations
- ✘ D. Financial relations

Q.67 In November 2025, which city hosted the Syed Modi India International Badminton Tournament?

Ans
- ✔ A. Lucknow
- ✘ B. Mumbai
- ✘ C. Hyderabad
- ✘ D. New Delhi

Q.68 A student notices that arithmetic results appear instantly, but loading data from main memory is slower. Which CPU feature primarily reduces this delay by keeping frequently used data close to the processor?

Ans
- ✘ A. Instruction Set
- ✔ B. Cache Memory
- ✘ C. Address Decoder
- ✘ D. CPU Fan

Q.69 In October 2025, Max Verstappen won the United States Grand Prix representing which of the following teams?

Ans
- ✘ A. McLaren
- ✘ B. Ferrari
- ✘ C. Racing Bulls
- ✔ D. Red Bull Racing

Q.70 What is the main objective of India's fiscal policy?

Ans
- ✘ A. Reducing foreign trade
- ✔ B. Economic growth and stability
- ✘ C. Increasing fiscal deficit
- ✘ D. Increasing inflation

Section : General Intelligence and Reasoning

Q.71 In a certain code language, 'DOLE' is coded as '7348' and 'LEMO' is coded as '2738'. What is the code for 'M' in the given code language?

Ans
- ✘ A. 3
- ✘ B. 7
- ✘ C. 8
- ✔ D. 2

Q.72 Each vowel in the word WORTHLESSLY is changed to the second letter following it in the English alphabetical order AND each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
- ✗ A. Two
- ✗ B. One
- ✓ C. Four
- ✗ D. Three

Q.73 Each vowel in the word READING is changed to the 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 of the following letters will appear exactly twice in the group of letters thus formed?

Ans
- ✗ A. M
- ✗ B. Q
- ✗ C. C
- ✓ D. F

Q.74 Six people A, B, P, Q, C and D are sitting in a straight line. They all are facing towards North. P is sitting immediately between Q and D. D is sitting third to the left of B. A sits second to the right of P. What is the position of C with respect to D?

Ans
- ✗ A. Immediate left
- ✗ B. Second to the left
- ✓ C. Second to the right
- ✗ D. Immediate right

Q.75 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5718624, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ A. One
- ✗ B. Three
- ✗ C. None
- ✓ D. Two

Q.76 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
GDK 12 NKR 23 URY 34 BYF 45 ?

Ans
- ✗ A. JEK 55
- ✗ B. KGM 55
- ✓ C. IFM 56
- ✗ D. SBU 56

Q.77 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 fans are cars.
No car is a bus.

Conclusions:
(I) Some fans are buses.
(II) Some cars are fans.

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

Q.78 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

MHL21 OJN29 QLP37 SNR45 ?

Ans
✗ A. UPS54
✗ B. UPS53
✓ C. UPT53
✗ D. UPT54

Q.79 If '+' means '−', '−' means '×', '×' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

322 × 23 − 14 ÷ 463 + 232 = ?

Ans
✗ A. 35
✗ B. 298
✗ C. 760
✓ D. 427

Q.80 Town G is to the west of Town H. Town I is to the north of Town G. Town J is to the east of Town I. Town K is to the south of Town J. Town H is to the north-east of Town K. What is the position of Town G with respect to Town J?

Ans
✓ A. South-west
✗ B. South-east
✗ C. North-east
✗ D. North-west

Q.81 In a certain code language,
A × B means 'A is the son 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 S related to Z if 'S = W × R + T − Z'?

Ans
✗ A. Father
✗ B. Son
✓ C. Brother
✗ D. Husband

Q.82 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. OL-JQ
✗ B. UR-PW
✓ C. XU-SY
✗ D. RO-MT

Q.83 In the following triad, each group of letters is related to the subsequent one following a certain logic. Select, from the given options, the one which follows the same logic.
SAID - AISD - DIAS
MODE - ODME - EDOM

Ans
✗ A. HOGS - OHGS - SOGH
✓ B. TONG - ONTG - GNOT
✗ C. UGLY - GLUY - GLYU
✗ D. MIND - MNID - DNIM

Q.84 Seven people H, I, J, K, W, Y and Z are sitting in a row facing north. Only J sits to the left of W. Only four people sit between J and Y. Only I sits between K and H and K is not an immediate neighbor of Y. How many people sit to the right of Z?

Ans
- ✗ A. Three
- ✗ B. One
- ✓ C. None
- ✗ D. Two

Q.85 What should come in place of '?' in the given series?
38 55 74 95 118 ?

Ans
- ✗ A. 161
- ✓ B. 143
- ✗ C. 155
- ✗ D. 152

Q.86 WT 16 is related to XW -1 in a certain way. In the same way, DE 9 is related to EH -8. To which of the following is NK 19 related, following the same logic?

Ans
- ✗ A. UY 1
- ✗ B. NJ 7
- ✓ C. ON 2
- ✗ D. TY 5

Q.87 Tus ranked 56^{th} from the bottom and 51^{st} from the top in his class. How many students are there in his class?

Ans
- ✗ A. 107
- ✓ B. 106
- ✗ C. 105
- ✗ D. 108

Q.88 QQ 5 is related to VR -6 in a certain way. In the same way, LV 12 is related to QW 1. To which of the following is ES 16 related, following the same logic?

Ans
- ✗ A. YT 4
- ✓ B. JT 5
- ✗ C. UG 3
- ✗ D. RW 1

Q.89 In a certain code language, "EUOA" is coded as "53" and "YFMP" is coded as "71". What is the code for "RIZB" in that given language?

Ans
- ✗ A. 56
- ✓ B. 66
- ✗ C. 60
- ✗ D. 58

Q.90 What should come in place of '?' in the given series based on the English alphabetical order?
TGA WJD ZMG CPJ ?

Ans
- ✓ A. FSM
- ✗ B. ERL
- ✗ C. DPN
- ✗ D. GTC

Q.91 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 to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(163, 186, 23)
(144, 200, 56)

Ans
- ✗ A. (141, 229, 98)
- ✓ B. (113, 178, 65)
- ✗ C. (135, 187, 62)
- ✗ D. (201, 243, 43)

Q.92 Based on the English 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. FGC
- ✗ B. BCY
- ✓ C. LNI
- ✗ D. NOK

Q.93 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) U L Y M R D E L C D A E H R O H F X L D W H (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. Four
- ✓ B. Two
- ✗ C. One
- ✗ D. Three

Q.94 Seven boxes M, N, O, P, X, Y and Z are kept one over the other but not necessarily in the same order. Y is kept second from the bottom. Only three boxes are kept between Y and O. X is kept at one of the positions below Y. Only N is kept between O and P. M is kept at one of the positions above O. How many boxes are kept between X and M?

Ans
- ✗ A. Three
- ✗ B. One
- ✗ C. Four
- ✓ D. Five

Q.95 Based on the English alphabetical order, three of the following four letter-clusters 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. TPR
- ✓ B. NJK
- ✗ C. PLN
- ✗ D. VRT

Q.96 What should come in place of '?' in the given series?

90 91 ? 126 190 315

Ans
✗ A. 101
✗ B. 91
✓ C. 99
✗ D. 111

Q.97 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow/s from the given statements.

Statements: All routers are dongles. All routers are phones.
Conclusion (I) : Some dongles are phones
Conclusion (II) : All phones are routers

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

Q.98 In a certain code language,
A x B means 'A is the mother of B',
A ≠ B means 'A is the wife of B',
A ÷ B means 'A is the daughter of B' and
A ₹ B means 'A is the father of B'.

Based on the above, how is C related to M if 'C ÷ D ≠ E ₹ L x M'?

Ans
✗ A. Son's wife's sister
✗ B. Son's wife
✗ C. Wife's sister
✓ D. Mother's sister

Q.99 Seven boxes B, C, D, E, Q, R and S are kept one over the other but not necessarily in the same order. Only one box is kept above R. Only two boxes are kept between R and S. Only three boxes are kept between D and S. Only Q is kept below C. B is not kept immediately above S. How many boxes are kept between E and Q?

Ans
✗ A. Three
✗ B. One
✓ C. Two
✗ D. Four

Q.100 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 63145729, then how many digits will appear more than once in the new number thus formed?

Ans
✓ A. Three
✗ B. Two
✗ C. One
✗ D. Four

"