RRB NTPC Under Graduate CBT 1 – Question Paper with Answers

CEN 07/2025 · NTPC Under Graduate Level · Test date: 7 May 2026 · 12:45–2:15 PM · 100 questions · +1 correct, −1/3 wrong

Mathematics

Q.1 **A student scores 75, 80 and 90 in three tests with weights 2,3 and 5 respectively. What is the weighted average score?**

A. 82
B. 83
C. 85
D. 84 ✓

Answer: D. 84

Q.2 **The largest four-digit number which when divided by 7, 6 and 10 leaves the remainder 5 in each case, is:**

A. 9909
B. 9875 ✓
C. 9964
D. 9793

Answer: B. 9875

Q.3 **Calculate the total amount when ₹4000 is invested at 10% compound interest per annum, compounded annually for 2 years.**

A. ₹4400
B. ₹4800
C. ₹4080
D. ₹4840 ✓

Answer: D. ₹4840

Q.4 **Two taps can fill a cistern in 4 hours and 11 hours, respectively. A third tap can empty it in 11 hours. How long (in hours) will it take to fill one-fourth of the empty cistern if all the taps are opened together?**

A. 4
B. 3
C. 1 ✓
D. 2

Answer: C. 1

Q.5 **Find the single discount equivalent to three successive discounts of 10% on a commodity.**

A. 28.2%
B. 26.9%
C. 27.1% ✓
D. 25.8%

Answer: C. 27.1%

Q.6 **If $9^x - 9^{x-1} = 72$, then the value of $(2x - 1)/(2x + 3)$ is:**

A. 3/4
B. 3/5
C. 3/8
D. 3/7 ✓

Answer: D. 3/7

Q.7 **Two trains, X and Y, are running on parallel tracks. Train X is 200 m long and travels at 72 km/hr. Train Y is 300 m long. If the trains are traveling in opposite directions, they pass each other completely in 15 seconds. If the trains were traveling in the same direction, how long would it take for the faster train to overtake the slower one?**

A. 75 seconds ✓
B. 78 seconds
C. 67.5 seconds
D. 72 seconds

Answer: A. 75 seconds

Q.8 **The ages of two siblings add up to 44 years. If one sibling is 4 years younger than twice the other's age, what is the difference between their ages?**

A. 14 years
B. 10 years
C. 12 years ✓
D. 8 years

Answer: C. 12 years

Q.9 **A shopkeeper marks an item at ₹4,000. During a festival, he first offers a discount of 25% on the marked price. After a week, he increases the discounted price by 20% to earn more profit. What is the final selling price of the item after these successive changes?**

A. ₹3,500

B. ₹3,600 ✓

C. ₹3,700

D. ₹3,400

Answer: B. ₹3,600

Q.10 **Simplify:**
$10.5 - [6.5 - \{3.3 - (3.2 - (2.2 - 1.8))\}]$
(Note: the original shows a bar over 2.2 − 1.8.)

A. 0

B. 4.5 ✓

C. 10.5

D. 1

Answer: B. 4.5

Q.11 **Four numbers a, b, c and d satisfy the relation**
$(a + 2) : (b - 2) = (c + 4) : (d - 4)$.
If a = 6, b = 8 and c = 12, find the value of d.

A. 20

B. 14

C. 16 ✓

D. 18

Answer: C. 16

Q.12 **If $\sin 6A = \cos 12A$, find the value of $\tan 9A + \cot 9A$.**

A. -2

B. 2 ✓

C. 0

D. 1

Answer: B. 2

Q.13 **A television is marked at ₹50,000. A retailer gives a 15% discount on the first 70% of the price and a 5% discount on the rest. What is the total percentage discount offered?**

A. 11%
B. 10%
C. 13%
D. 12% ✓

Answer: D. 12%

Q.14 **The curved surface area of a solid cylinder is numerically equal to the total surface area of another cylinder whose radius is half of the first cylinder. If the height and radius of the first cylinder are 7 cm and 4 cm, respectively. find the curved surface area of the second cylinder.**

A. 52π cm^2
B. 48π cm^2 ✓
C. 65π cm^2
D. 42π cm^2

Answer: B. 48π cm^2

Q.15 **Which of the following digits should replace X so that the three-digit number 2X2 is divisible by 4?**

A. 1 ✓
B. 4
C. 0
D. 2

Answer: A. 1

Q.16 **A retailer buys 60 pens and sells them at the purchase price of 72 pens. Determine his profit percentage.**

A. 12%
B. 15%
C. 16%
D. 20% ✓

Answer: D. 20%

Q.17 **A transaction code 92419 is not divisible by 13. To make it divisible by 13, the least digit should be appended at the end of the number. What is that digit?**

A. 6 ✓
B. 2
C. 5
D. 4

Answer: A. 6

Q.18 **ABCD is a quadrilateral in which AB ∥ DC, and E and F are the mid points of the diagonals AC and BD, respectively. If AB = 74 cm, BC = 91 cm, DC = 26 cm, and AD = 39 cm, then what is the length (in cm) of EF?**

A. 25
B. 22
C. 21
D. 24 ✓

Answer: D. 24

Q.19 **A train runs at 72 km/h for 3 hours and then at 60 km/h for 1.5 hours. What is the average speed of the train?**

A. 65 km/h
B. 66 km/h
C. 68 km/h ✓
D. 67 km/h

Answer: C. 68 km/h

Q.20 **If the principal is ₹1000, the rate is 5% per annum, and the time is 2 years, what is the simple interest?**

A. ₹100 ✓
B. ₹200
C. ₹50
D. ₹500

Answer: A. ₹100

Q.21 **If 5 and 10 are given, what is the third proportional to these numbers?**

A. 30
B. 15
C. 25
D. 20 ✓

Answer: D. 20

Q.22 **Evaluate $24^3 + (-7)^3 + (-17)^3$**

A. 8345

B. 8396

C. 8450

D. 8568 ✓

Answer: D. 8568

Q.23 **Trains from Delhi, Lucknow, and Jaipur depart every 12 minutes, 18 minutes, and 27 minutes, respectively. If all depart together at 6:00 am, when will they depart together again?**

A. 7:40 am

B. 7:36 am

C. 7:48 am ✓

D. 7:24 am

Answer: C. 7:48 am

Q.24 **The sum of two numbers is 72. If the larger number is increased by 8 and the smaller number is decreased by 6, then the resulting numbers are in the ratio 3 : 2, respectively.**
Find the smaller of the original two numbers.

A. 35.6 ✓

B. 32.5

C. 34.2

D. 35

Answer: A. 35.6

Q.25 **If 40% of a number exceeds 25% of it by 36, then the number is:**

A. 240 ✓

B. 280

C. 220

D. 260

Answer: A. 240

Q.26 **A shopkeeper offers the following schemes on toys of the same marked price.**
(A) Successive discounts of 44% and 12% on any number of toys bought.
(B) Successive discounts of 18%, 43% and 23% on any number of toys bought.
(C) 8% discount on the first 4 toys and 38% discount on each toy thereon.
(D) On buying ten items, the customer is billed for only seven items.
A customer wants to buy 10 toys. Which of the above schemes is the least beneficial to her?

A. B
B. A
C. C ✓
D. D

Answer: C. C

Q.27 **The average of k numbers is x. If 48 is subtracted from each of any two of the numbers, then we get (x-12) as the new average. Find the value of k.**

A. 8 ✓
B. 10
C. 3
D. 5

Answer: A. 8

Q.28 **The speeds of two cars are in the ratio 5 : 7. The faster car covers 140 km in 2 hours.**
How much distance will the slower car cover in the same time?

A. 140 km
B. 90 km
C. 100 km ✓
D. 70 km

Answer: C. 100 km

Q.29 **A tank is being filled by two taps, M and N. M fills the tank completely in 18 hours and N fills it in 9 hours. A leakage at the bottom of the tank can empty the completely filled tank in 27 hours. How long will it take to fill the empty tank completely if both taps are opened while the leakage continues?**

A. 6 4/7 hours
B. 7 5/7 hours ✓
C. 6 5/7 hours
D. 7 3/7 hours

Answer: B. 7 5/7 hours

Q.30 **The diagonals of a rhombus-shaped field are 224 m and 420 m long. What is the perimeter (in m) of the field?**

A. 952 ✓
B. 922
C. 904
D. 944

Answer: A. 952

General Awareness

Q.31 **Which extremist leader authored the famous work, Gita Rahasya?**

A. Bipin Chandra Pal
B. Aurobindo Ghose
C. Bal Gangadhar Tilak ✓
D. Lala Lajpat Rai

Answer: C. Bal Gangadhar Tilak

Q.32 **Which launch vehicle will be used for Chandrayaan-5?**

A. GSLV Mk III
B. H3-24L ✓
C. PSLV-C45
D. GSLV Mk II

Answer: B. H3-24L

Q.33 **What does CD stand for in computer terminology?**

A. Compact Disc ✓
B. Current Directories
C. Control Datamine
D. Color Display

Answer: A. Compact Disc

Q.34 **In a cross between true-breeding red-flowered and true breeding white-flowered plants, the Filial 1 (F_1) progeny was pink. This is a case of which type of inheritance?**

A. Complete Dominance
B. Co-dominance
C. Sex-linkage
D. Incomplete Dominance ✓

Answer: D. Incomplete Dominance

Q.35 **The members of the Railway Convention Committee are nominated by which of the following authorities of India?**

A. The Prime Minister of India
B. The Chairman of the Rajya Sabha
C. The President of India
D. The Speaker of the Lok Sabha ✓

Answer: D. The Speaker of the Lok Sabha

Q.36 **Which soil type, known for retaining moisture, is ideal for cotton cultivation?**

A. Red soil
B. Sandy soil
C. Laterite soil
D. Black soil ✓

Answer: D. Black soil

Q.37 **Which contribution is correctly associated with Lala Lajpat Rai during the freedom struggle?**

A. Drafting the Nehru Report outlining complete independence for India
B. Leading the anti-Simon Commission protests, where he suffered fatal injuries ✓
C. Leading the Bardoli satyagraha against enhanced revenue-demand policies
D. Commanding the Congress Volunteers during the Salt March in Gujarat

Answer: B. Leading the anti-Simon Commission protests, where he suffered fatal injuries

Q.38 **Who among the following was associated with the Farazi Movement in Bengal during the 19th century?**

A. U Kiang Nongbah
B. Birsa Munda
C. Maznoom Shah
D. Dadu Mian ✓

Answer: D. Dadu Mian

Q.39 குடியுரிமைத் திருத்தச் சட்டம் **(CAA), 2019-**இன் படி, டிசம் பர் **31, 2014** அன் று அல் லது அதற்கு முன் னதாக இந்தியாவிற்குள் வந்த, கீழ் க்கண் ட எந்த நாடுகளைச் சேர்ந்த இந்து, சீக்கிய, பௌத்த, சமண, பார்சி மற்றும் கிறித்தவ குடிமக்கள் இந்தியக் குடியுரிமை பெறத் தகுதியுடையவர்கள் ஆவர்?

A. ஆப்கானிஸ் தான் , இலங் கை மற்றும் பங் களாதேஷ்
B. பூட்டான் , பங் களாதேஷ் மற்றும் மாலத்தீவு
C. ஆப்கானிஸ் தான் , பங் களாதேஷ் மற்றும் பாகிஸ் தான் ✓
D. பாகிஸ் தான் , மியான் மர் மற்றும் நேபாளம்

Answer: C. ஆப்கானிஸ் தான் , பங் களாதேஷ் மற்றும் பாகிஸ் தான்

Q.40 **The roads and streets of the Harappan Lower Town were laid out in which pattern?**

A. Radial pattern spreading from a centre
B. Grid pattern intersecting at right angles ✓
C. Circular pattern with curved streets
D. Irregular pattern without fixed alignment

Answer: B. Grid pattern intersecting at right angles

Q.41 **Which global event first initiated coordinated international action on environmental protection and development?**

A. Rio Conference, 1992
B. Johannesburg Summit, 2002
C. Doha Climate Meeting, 2012
D. Stockholm Conference, 1972 ✓

Answer: D. Stockholm Conference, 1972

Q.42 இந்திய அரசியலமைப்பின் படி, அரசு நெறிமுறைப்படுத்தும் கோட்பாடுகள் என் பது, _____ ஆகும் .

A. முற்றிலும் நிர்வாக விதிகள்
B. அவசர காலங் களில் மட்டுமே நீ திமன் ற நீ திவரம் புக்கு உட்பட்டது
C. நீ திமன் ற நீ திவரம் புக்கு அப்பாற்பட்டது; ஆனல் ஆட்சியில் அடிப்படையாகும் ✓
D. நீ திமன் ற நீ திவரம் புக்கு உட்பட்டது மற்றும் சட்டப்படி நிலைநிறுத்தக்கூடியது

Answer: C. நீ திமன் ற நீ திவரம் புக்கு அப்பாற்பட்டது; ஆனல் ஆட்சியில் அடிப்படையாகும்

Q.43 **Where was the 69th session of the United Nations Commission on the Status of Women held in March 2025?**

A. Oslo, Norway
B. New York, USA ✓
C. Rio de Janeiro, Brazil
D. Berlin, Germany

Answer: B. New York, USA

Q.44 **Which of the following musical genres was considered formal and divine in ancient India?**

A. Dhrupad
B. Gana
C. Gandharva ✓
D. Prabandh

Answer: C. Gandharva

Q.45 **The Government of India set up the Price Stabilisation Fund (PSF) to regulate the prices of agri-horticultural commodities in which financial year?**

A. 2019-20
B. 2016-17
C. 2014-15 ✓
D. 2012-13

Answer: C. 2014-15

Q.46 **In October 2025, India's Society of Association Executives (SAE) officially launched in which of the following cities?**

A. Bengaluru ✓
B. Ahmedabad
C. New Delhi
D. Patna

Answer: A. Bengaluru

Q.47 **Selected for the International Space Station mission in 2025, John McFall, the first disabled astronaut, is associated with which of the following countries?**

A. Australia
B. United Kingdom ✓
C. United States of America
D. Canada

Answer: B. United Kingdom

Q.48 பின் வருவனவற்றுள் புதுப்பிக்க முடியாத வளம் எது?

A. காற்றுற்றல்
B. பயோமாஸ்
C. சூரிய ஆற்றல்
D. பெட்ரோலியம் ✓

Answer: D. பெட்ரோலியம்

Q.49 மனிதர்களில் , புரதங் களின் முழுமையான செரிமானமானது, எந்தப் பொருளின் உருவாக்கத்திற்கு வழிவகுக்கிறது?

A. அமினே அமிலங் கள் ✓
B. கிளிசரால்
C. கொழுப்பு அமிலங் கள்
D. குளுக்கோஸ்

Answer: A. அமினே அமிலங் கள்

Q.50 **Which of the following is an example of application software used for creating documents?**

A. Windows
B. BIOS
C. Linux
D. MS Word ✓

Answer: D. MS Word

Q.51 **Which of the following states accounts for about three-fourths of India's total jute production?**

A. Bihar
B. West Bengal ✓
C. Assam
D. Odisha

Answer: B. West Bengal

Q.52 **Which approach is crucial for empowering rural women, leading to community development?**

A. Restricting women's roles to traditional household duties
B. Limiting educational opportunities to urban centres
C. Promoting gender-specific vocational training and education ✓
D. Focussing solely on men's employment programmes

Answer: C. Promoting gender-specific vocational training and education

Q.53 **The presence of elaborate gopurams is a defining feature of which temple architectural style?**

A. Dravidian style
B. Nagara style
C. Vesara style ✓
D. Pala style

Answer: C. Vesara style

Q.54 **Which of the following water bodies separates the Andaman Islands from the Nicobar Islands?**

A. Ten Degree Channel ✓
B. Nine Degree Channel
C. Duncan Passage
D. Palk Strait

Answer: A. Ten Degree Channel

Q.55 இந்திய அரசியலமைப்புச் சட்டத்தின் **141-**வது சட்டப்பிரிவின் படி, உச்ச நீ திமன் றம் வழங் கும் தீர்ப்புகள் அல் லது சட்டங் கள் _____ மீது கட்டுப்படும் என அறிவிக்கப்பட்டுள் ளது

A. இந்திய எல் லைக்குள் உள்ள அனைத்து நீ திமன் றங் களும் **(All courts within the territory of India)** ✓

B. மாநில அரசுகள் (State governments)

C. சிவில் நீ திமன் றங் களைத் தவிர அனைத்து தீர்ப்பாயங் களும் (All tribunals except civil courts)

D. உயர் நீ திமன் றங் கள் மட்டுமே (Only High Courts)

Answer: A. இந்திய எல் லைக்குள் உள்ள அனைத்து நீ திமன் றங் களும் (All courts within the territory of India)

Q.56 **The CPU mainly performs which of the following functions?**

A. Input and calculation

B. Processing and control ✓

C. Display and storage

D. Storage and output

Answer: B. Processing and control

Q.57 **In October 2025, the Ministry of Minority Affairs announced support to universities to set up Centres of Excellence to promote heritage and classical languages. This initiative was taken under which scheme?**

A. Maulana Azad National Fellowship (MANF)

B. Pradhan Mantri Jan Vikas Karyakram (PMJVK) ✓

C. Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS)

D. National Minorities Development Finance Corporation (NMDFC)

Answer: B. Pradhan Mantri Jan Vikas Karyakram (PMJVK)

Q.58 **The S.I. derived unit for Force is the Newton (N). Which combination of S.I. base units is equivalent to the Newton?**

A. $kg \cdot m^2/s^2$

B. $kg \cdot m \cdot s$

C. $kg \cdot m/s$

D. $\mathbf{kg \cdot m/s^2}$ ✓

Answer: D. $kg \cdot m/s^2$

Q.59 ஒரு புத்தகமானது மேசையின் மேற்பரப்பில் தள் ளப்படும் போது,
முக்கியமாக எந்த வகையான உராய் வு அதன் இயக்கத்தை எதிர்க்கிறது?

A. உருளும் உராய் வு (Rolling friction)

B. சறுக்கு உராய் வு **(Sliding friction)** ✓

C. பாய் ம உராய் வு

D. காந்த உராய் வு

Answer: B. சறுக்கு உராய் வு (Sliding friction)

Q.60 **Which of the following trees is characteristic of the tropical deciduous forests of India?**

A. Deodar
B. Teak ✓
C. Mangrove
D. Fir

Answer: B. Teak

Q.61 **What is the full form of UNDP?**

A. United Nations Deployment Programme
B. United Nations Development Programme ✓
C. Union of Nations Deployment Programme
D. Union of Nations Development Programme

Answer: B. United Nations Development Programme

Q.62 **Which of the following temples is NOT a prime example of the Dravidian style of temple architecture?**

A. Shore Temple
B. Gangaikondacholapuram Temple
C. Brihadeeswara Temple
D. Siddhesvara Mahadeva Temple ✓

Answer: D. Siddhesvara Mahadeva Temple

Q.63 **Who among the following was awarded the Abel Prize 2025?**

A. Masaki Kashiwara ✓
B. Avi Wigderson
C. Luis Caffarelli
D. Karen Uhlenbeck

Answer: A. Masaki Kashiwara

Q.64 **According to the Sustainable Development Goals National Indicator Framework (SDG NIF) Progress Report of 2025, social protection coverage rose from 22% in 2016 to what percentage in 2025?**

A. 64.3% ✓
B. 55%
C. 78%
D. 40%

Answer: A. 64.3%

Q.65 **Which article implicitly prohibits 'dual citizenship' in India?**

A. Article 5
B. Article 9 ✓
C. Article 7
D. Article 3

Answer: B. Article 9

Q.66 சுந்தரவன சதுப்புநிலங் களில் காற்றில் பாயும் நுண் ணுயிரிகளைக் கண் டறிவதற் கான, **2025** ஆம் ஆண் டு ஆய் வானது எந்த நிறுவனத்தைச் சேர்ந்த விஞ் ஞானிகளால் செய் யப்பட்டது**?**

A. WII டேராடூன்
B. IISER கொல் கத்தா ✓
C. NIO கோவா
D. IIT கரக்பூர்

Answer: B. IISER கொல் கத்தா

Q.67 **Which of the following is NOT a function of the President?**

A. Promulgating ordinances
B. Presiding over Rajya Sabha sessions ✓
C. Granting pardons and remissions
D. Summoning and proroguing Parliament

Answer: B. Presiding over Rajya Sabha sessions

Q.68 **In modern Windows versions (Windows 10/11), which Task Manager tab allows users to monitor real-time graphics card utilization for individual applications?**

A. Processes ✓
B. App History
C. Startup
D. Performance

Answer: A. Processes

Q.69 **Which among the following kings from the early medieval period assumed the title "Gangaikonda"?**

A. Vijayalaya
B. Rajendra I ✓
C. Pulakesin II
D. Rajaraja I

Answer: B. Rajendra I

Q.70 இல்துத்மிஷின் மகளான ரஸியா, துருக்கியப் பிரபுக்களால் பதவியிலிருந்து அகற்றப்படுவதற்கு முன்பு, எந்த ஆண்டுகளுக்கு இடைப்பட்ட காலத்தில் டெல்லி சுல்தானியத்தை ஆட்சி செய்தார்?
(English: Between which years did Razia, the daughter of Iltutmish, rule the Delhi Sultanate before being removed from power by the Turkish nobles?)

A. 1236-1240 ✓
B. 1230-1236
C. 1246-1250
D. 1240-1246

Answer: A. 1236-1240

General Intelligence and Reasoning

Q.71 **Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. (NOTE: You have to take the given data to be true even if it seems to be at variance from commonly known facts.) [Venn diagram of three circles — Teachers, Dentists, Surgeons: Teachers only = 14; Teachers & Dentists only = 29; Dentists only = 31; all three = 23; Teachers & Surgeons only = 16; Dentists & Surgeons only = 10; Surgeons only = 5] How many such Teachers are there who are also Dentists but not Surgeons?**

A. 14
B. 5
C. 29 ✓
D. 16

Answer: C. 29

Q.72 **What should come in place of '?' in the given series based on the English alphabetical order?**
MFJ JCG GZD DWA ?

A. AKR
B. ATZ
C. ATX ✓
D. ASY

Answer: C. ATX

Q.73 **Each of the digits in the number 52178436 is arranged in ascending order from left to right. What will be the sum of the digits that are third from the left and third from the right in the number thus formed?**

A. 11
B. 8
C. 9 ✓
D. 10

Answer: C. 9

Q.74 **Each of the digits in the number 36857219 is arranged in the ascending order from left to right. What will be the sum of the digits which are second from the left and third from the right in the new number thus formed?**

A. 11
B. 9 ✓
C. 10
D. 8

Answer: B. 9

Q.75 **Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.**
(Left) K D D U R V U D E C Q D V A D R D G D E D Z D J (Right)
How many such D's are there, each of which is immediately preceded by a vowel and also immediately followed by a consonant?

A. Four
B. Two ✓
C. Three
D. Five

Answer: B. Two

Q.76 **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.**
DIP : GLS
BST : EVW3083

A. TEL : VHP
B. HKD : KNG ✓
C. CIG : FKJ
D. EHL : IFP

Answer: B. HKD : KNG

Q.77 **In a certain code language,**
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.
Based on the above, how is S related to K if 'S – D + F ÷ H x K'?

A. Brother
B. Wife's father
C. Wife's brother ✓
D. Father

Answer: C. Wife's brother

Q.78 **What should come in place of '?' in the given series?**
67 70 ? 85 97 112

A. 82
B. 78
C. 76 ✓
D. 80

Answer: C. 76

Q.79 **Each vowel in the word CURRENT 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 be third from the right in the new group of letters thus formed?**

A. G
B. E
C. F ✓
D. H

Answer: C. F

Q.80 **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.)
(2, 7, 14)
(3, 16, 48)

A. (4, 6, 20)
B. (5, 3, 15) ✓
C. (8, 6, 56)
D. (6, 7, 48)

Answer: B. (5, 3, 15)

Q.81 **In a row of 22 students facing North, Sunil is 17th from the left end. If Deepak is 3rd to the right of Sunil, what is Deepak's position from the right end of the row?**

A. 4th
B. 1st
C. 3rd ✓
D. 2nd

Answer: C. 3rd

Q.82 **In a row of 54 students facing the north, Gagan is 13th from the right end. If Nitin is 17th to the left of Gagan, what is Nitin's position from the left end of the line?**

A. 23rd
B. 25th ✓
C. 27th
D. 30th

Answer: B. 25th

Q.83 **Refer to the following series and answer the question. (Counting to be done from left to right only.) (All numbers are single-digit numbers only.)**
(Left) 4 6 2 9 1 4 9 7 1 7 6 5 3 6 4 1 4 3 8 4 2 2 3 9 9 7 6 (Right)
How many such even digits are there, each of which is immediately preceded by a perfect square and immediately followed by an odd digit? (NOTE: 1 is also a perfect square.)

A. Three
B. Two ✓
C. One
D. None

Answer: B. Two

Q.84 **JDHK is related to OIMP in a certain way based on the English alphabetical order. In the same way, MGKN is related to RLPS. To which of the following is PJNQ related, following the same logic?**

A. OUVS
B. OUSV
C. UOSV ✓
D. UOVS

Answer: C. UOSV

Q.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. EH-JB ✓
B. LO-QJ
C. OR-TM
D. HK-MF

Answer: A. EH-JB

Q.86 **In a certain code language,**
J ÷ Q means 'J is the brother of Q',
J x Q means 'J is the mother of Q',
J – Q means 'J is the husband of Q' and
J + Q means 'J is the father of Q'.
Based on the above, how is A related to F if 'A + B ÷ C – D x E ÷ F'?

A. Mother's father
B. Father's father ✓
C. Mother's brother
D. Wife's father

Answer: B. Father's father

Q.87 **What should come in place of '?' in the given series?**
5 ? 10 19 35 60

A. 9
B. 8
C. 7
D. 6 ✓

Answer: D. 6

Q.88 **Which of the following options should come in place of the '?' in the given series based on the English alphabetical order?**
R 45, A 40, J 35, S 30, ?

A. B 25 ✓
B. V 25
C. X 25
D. T 25

Answer: A. B 25

Q.89 **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.)

A. TTP ✓
B. QPM
C. BAX
D. SRO

Answer: A. TTP

Q.90 **QX 18 is related to SS 4 in a certain way. In the same way, EL 10 is related to GG -4. To which of the following is IJ 5 related, following the same logic?**

A. HF -8

B. TR -5

C. KE -9 ✓

D. KL -11

Answer: C. KE -9

Q.91 **Seven people, N, V, C, Y, E, F and G, are sitting in a row, facing north.**
Only two people sit to the left of V. F sits fourth from the right end. Only two people sit between N and V. E is the immediate neighbour of G and V. Y does not sit to the right of C.
How many people sit between Y and E?

A. Two ✓

B. Four

C. Five

D. Three

Answer: A. Two

Q.92 **Seven boxes, M, N, O, P, Q, R and S, are kept one over the other, but not necessarily in the same order.**
No box is kept above O. Only three boxes are kept between O and S. Only one box is kept between Q and M. M is kept immediately above S. Only four boxes are kept between Q and P. R is kept at some place above N.
Which box is kept second below R?

A. S ✓

B. N

C. O

D. Q

Answer: A. S

Q.93 **In a certain code language, 'DONE' is coded as '5432' and 'CODE' is coded as '2835'.**
What is the code for 'C' in the given code language?

A. 5

B. 3

C. 2

D. 8 ✓

Answer: D. 8

Q.94 **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 conclusions logically follow(s) from the statements.**
Statements: All vehicles are machines. Some machines are tools.
Conclusions:
(I) Some vehicles are tools. (II) All tools are machines.

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

Answer: D. Neither conclusion (I) nor (II) follows

Q.95 **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.)

A. PRT
B. SUW
C. HJL
D. CEH ✓

Answer: D. CEH

Q.96 **In a certain code language, 'BRAK' is coded as '4938' and 'ARCK' is coded as '2849'.**
What is the code for 'C' in the given code language?

A. 8
B. 9
C. 2 ✓
D. 4

Answer: C. 2

Q.97 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**
GDH 66 FCG 61 EBF 56 DAE 51 ?

A. CYC 45
B. CAC 46
C. CZD 46 ✓
D. CKT 45

Answer: C. CZD 46

Q.98 **Mr. Yorly starts from Point A and drives 16 km towards South. He then takes a right turn, drives 14 km, turns right and drives 44 km. He then takes a right turn and drives 2 km, turns right drives 15 km. He then takes a left turn drives 21 km. He takes a final right turn, drives 13 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 degrees turns only unless specified.)

A. 9 km to the West ✓
B. 11 km to the South
C. 10 km to the East
D. 16 km to the North

Answer: A. 9 km to the West

Q.99 **Each of the digits in the number 1358274 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?**

A. Three
B. One
C. Zero
D. Two ✓

Answer: D. Two

Q.100 **A, B, D, J, O, T and Z are sitting around a circular table facing the center. Only two people sit between O and D when counted from the left of D. J sits third to the left of B.**
A sits to the immediate right of B. A sits second to the left of O. Z is an immediate neighbor of J. How many people sit between O and Z when counted from the right of O?

A. Two
B. One ✓
C. Four
D. Three

Answer: B. One