रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सीईएन - 04/2026 - जेई, डीएमएस, सीएमए - CEN - 04/2026 - JE, DMS, CMA

Test Date	02/11/2026
Test Time	9:00 AM - 10:30 AM
Subject / Exam Group	RRB JE DMS CMA 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 : **RRB JE DMS CMA CBT I**

Q.1 **A body has a velocity of 5 m/s at t = 0 s. Its velocity-time graph is a straight line with a slope of 3 m/s^2. What will be its velocity after 8 s?**

Ans
✗ 1. 34 m/s
✗ 2. 19 m/s
✗ 3. 21 m/s
✓ 4. 29 m/s

Q.2 **Each vowel in the word CYCLICALITY is changed to the second letter following it in the English alphabetical order AND each consonant is changed to the second letter preceding it in the English alphabetical order. Which of the following letters will appear more than twice in the group of letters thus formed?**

Ans
✗ 1. K
✗ 2. J
✗ 3. W
✓ 4. A

Q.3 **ଏକ ଚତୁର୍ଭୁଜର PQ || RS ଏବଂ SP ଓ RQ ଅସମାନ୍ତରାଳ ବାହୁ ଅଟନ୍ତି । M ଏବଂ N ଯଥାକ୍ରମେ PS ଏବଂ QR ର ମଧ୍ୟବିନ୍ଦୁ ଅଟନ୍ତି । ଯଦି PQ = 16 cm ଏବଂ MN = 20 cm ହୁଏ, ତେବେ SR ର ଦୈର୍ଘ୍ୟ (cm ରେ) ନିର୍ଣ୍ଣୟ କର ।**

Ans
✗ 1. 25
✗ 2. 27
✓ 3. 24
✗ 4. 22

Q.4 **N, H ଙ୍କ ମାଆ ଅଟନ୍ତି । H, P ଙ୍କ ଭଉଣୀ ଅଟନ୍ତି । D, V ଙ୍କ ବାପା ଅଟନ୍ତି । V, P ଙ୍କ ସ୍ୱାମୀ ଅଟନ୍ତି । N କିପରି ଭାବରେ D ଙ୍କ ସହିତ ସମ୍ବନ୍ଧିତ?**

Ans
✓ 1. ପୁଅଙ୍କ ସ୍ତ୍ରୀଙ୍କ ମାଆ
✗ 2. ଝିଅ
✗ 3. ସ୍ତ୍ରୀ
✗ 4. ପୁଅଙ୍କ ସ୍ତ୍ରୀଙ୍କ ଭଉଣୀ

Q.5 **In the sequence of colours formed by dispersion (VIBGYOR), the order is based on _____.**

Ans

✗ 1. Decreasing wavelength

✗ 2. Randomly pattern

✓ 3. Increasing wavelength

✗ 4. Increasing frequency

Q.6 **A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.**

Question:
Among 5 sticks, L, H, O, A and F, each having a different height, which stick is the shortest?

Statements:
(I) F is taller than A.
(II) Only one stick is shorter than L. L is shorter than A but taller than H.

Ans

✓ 1. Data in statement II alone is sufficient to answer the question while data in statement I is not.

✗ 2. Data in statement I alone is sufficient to answer the question while data in statement II is not.

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

✗ 4. Data in both statements I and II together are NOT sufficient to answer the question.

Q.7 **ରିୟାଙ୍କୁ 19 ଘଣ୍ଟାରେ ବାରାଣସୀରେ ପହଞ୍ଚିବା ପାଇଁ 787 km ଦୂରତା ଅତିକ୍ରମ କରିବାକୁ ହେବ । ସେ ପ୍ରଥମ 8 ଘଣ୍ଟା ପାଇଁ 43 km/h ବେଗରେ ଯାତ୍ରା କରନ୍ତି ଏବଂ ପରେ ପରବର୍ତ୍ତୀ 123 km ଦୂରତାକୁ 41 km/h ବେଗରେ ଅତିକ୍ରମ କରନ୍ତି । ଠିକ 19 ଘଣ୍ଟାରେ ବାରାଣସୀରେ ପହଞ୍ଚିବା ପାଇଁ ସେ ଅବଶିଷ୍ଟ ଦୂରତାକୁ କେଉଁ ବେଗରେ ଅତିକ୍ରମ କରିବା ଆବଶ୍ୟକ?**

Ans

✓ 1. 40 km/h

✗ 2. 36 km/h

✗ 3. 32 km/h

✗ 4. 44 km/h

Q.8 **Which Constitutional Amendment Act in India made the Right to Education as a fundamental right for children aged 6 to 14 years?**

Ans

✓ 1. 86th Amendment

✗ 2. 44th Amendment

✗ 3. 61st Amendment

✗ 4. 97th Amendment

Q.9 **In the Union Budget 2026–27, which mission was announced to transform India's sports sector over the next decade?**

Ans

✗ 1. Olympic India Mission

✗ 2. Fit India Mission

✗ 3. Sports Excellence Mission

✓ 4. Khelo India Mission

Q.10 **Which phenomenon is primarily responsible for the formation of a rainbow after rainfall?**

Ans

✗ 1. Reflection of sunlight by the ground

✓ 2. Dispersion of sunlight by water droplets due to refraction and internal reflection

✗ 3. Total internal reflection of sunlight by clouds

✗ 4. Refraction of only one colour of light by raindrops

Q.11 ଦୁଇଟି ସାଇରନ ଭିନ୍ନ ଆବୃତ୍ତି (frequency) ର ଶବ୍ଦ ଉତ୍ପନ୍ନ କରନ୍ତି । ଗୋଟିଏ ନିମ୍ନ ଆବୃତ୍ତିର ଶବ୍ଦ ଏବଂ ଅନ୍ୟଟି ଉଚ୍ଚ ଆବୃତ୍ତିର ଶବ୍ଦ ନିର୍ଗତ କରେ । କେଉଁ ସାଇରନ ଅଧିକ ପିଚ (pitch) ବିଶିଷ୍ଟ ଶବ୍ଦ ଉତ୍ପନ୍ନ କରିବ?

Ans

✗ 1. ଯଦି ଉଭୟ ସାଇରନର ଆମ୍ପ୍ଲିଚ୍ୟୁଡ ସମାନ ହୁଏ ତେବେ ସେଗୁଡ଼ିକ ସମାନ ପିଚ ସୃଷ୍ଟି କରନ୍ତି

✗ 2. କମ ଆବୃତ୍ତି ବିଶିଷ୍ଟ ସାଇରନ କାରଣ ଏହାର ସ୍ୱର ଅଧିକ ଜୋରରେ ଶୁଣାଯାଏ

✗ 3. କମ ଆବୃତ୍ତି ବିଶିଷ୍ଟ ସାଇରନ କାରଣ ଏହାର ତରଙ୍ଗଦୈର୍ଘ୍ୟ ଅଧିକ

✓ 4. ଉଚ୍ଚ ଆବୃତ୍ତି ବିଶିଷ୍ଟ ସାଇରନ କାରଣ ସ୍ୱରର ପିଚ ଆବୃତ୍ତି ଉପରେ ନିର୍ଭର କରେ

Q.12 ଜଣେ ନିର୍ମାତା ତାଙ୍କର ବିକ୍ରୟ ମୂଲ୍ୟକୁ ଉତ୍ପାଦନ ଖର୍ଚ୍ଚଠାରୁ 5% ଅଧିକ ସ୍ଥିର କରନ୍ତି । ଯଦି ଉତ୍ପାଦନ ଖର୍ଚ୍ଚ 60% ବୃଦ୍ଧି ପାଏ ଏବଂ ନିର୍ମାତା ତାଙ୍କର ବିକ୍ରୟ ମୂଲ୍ୟକୁ ମଧ୍ୟ 60% ବଢ଼ାଇ ଦିଅନ୍ତି, ତେବେ ଲାଭ ପ୍ରତିଶତ ନିର୍ଣ୍ଣୟ କର ।

Ans

✗ 1. 6%

✗ 2. 4%

✓ 3. 5%

✗ 4. 3%

Q.13 ଟପ୍ପା, ଏକ ଶାସ୍ତ୍ରୀୟ କଣ୍ଠସ୍ୱର ରୂପ (vocal form), ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ପାଇଁ ପ୍ରସିଦ୍ଧ?

Ans

✗ 1. ସାମୂହିକ ଗୋଷ୍ଠୀ ପ୍ରଦର୍ଶନ (Choral group performance)

✗ 2. ଧୀର ଭକ୍ତିଭାବ ପ୍ରକାଶ (Slow devotional expression)

✓ 3. ଦ୍ରୁତ ସ୍ୱରଭାବର ଅଳଙ୍କାର (Rapid melodic ornamentation)

✗ 4. ଦୀର୍ଘ ବର୍ଣ୍ଣନାତ୍ମକ ରଚନା (Long narrative compositions)

Q.14 **Which of the following choices represents the correct anatomical pathway of urine out of the human body?**

Ans

✗ 1. Urinary bladder → Kidney → Ureter → Urethra

✓ 2. Kidney → Ureter → Urinary bladder → Urethra

✗ 3. Ureter → Kidney → Urinary bladder → Urethra

✗ 4. Kidney → Urethra → Urinary bladder → Ureter

Q.15 **How can you differentiate between uniform and non-uniform motion by observing the distance-time graph of an object?**

Ans

✗ 1. Both uniform and non-uniform motion always produce straight lines.

✗ 2. A curved line represents uniform motion, while a straight line represents non-uniform motion.

✗ 3. A horizontal line shows both uniform and non-uniform motion.

✓ 4. A straight line represents uniform motion, while a curved line generally represents non-uniform motion.

Q.16 ଆୟନୀକ ଯୌଗିକ ଗୁଡିକ ତରଳ ଅବସ୍ଥାରେ ବିଦ୍ୟୁତ ପରିବହନ କରନ୍ତି, କିନ୍ତୁ କଠିନ ଅବସ୍ଥାରେ କରନ୍ତି ନାହିଁ କାହିଁକି?

Ans

✗ 1. କାରଣ ତରଳ ଅବସ୍ଥାରେ ଅଣୁଗୁଡ଼ିକର ବିଘଟନ ଘଟିଥାଏ ।

✓ 2. କାରଣ ତରଳ ଅବସ୍ଥାରେ ଆୟନଗୁଡ଼ିକ ମୁକ୍ତଭାବରେ ଗତି କରିପାରନ୍ତି ।

✗ 3. କାରଣ ତରଳ ଅବସ୍ଥାରେ ପରମାଣୁଗୁଡ଼ିକର ପୁନର୍ବିନ୍ୟାସ ଘଟିଥାଏ ।

✗ 4. କାରଣ ତରଳ ଅବସ୍ଥାରେ ଇଲେକ୍ଟ୍ରନଗୁଡ଼ିକ ମୁକ୍ତଭାବରେ ଗତି କରିପାରନ୍ତି ।

Q.17 ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ଏକ ଏକକ-ପର୍ଯ୍ୟାୟ ଜାରଣ ପ୍ରତିକ୍ରିୟା (one-step oxidation reaction) ର ଗୋଟିଏ ଉଦାହରଣ ଅଟେ?

Ans

✓ 1. $C + O_2 \rightarrow CO_2$

✗ 2. $2H_2 + O_2 \rightarrow 2H_2O$

✗ 3. $Zn + CuSO_4 \rightarrow ZnSO_4 + Cu$

✗ 4. $2KBr + Cl_2 \rightarrow 2KCl + Br_2$

Q.18 ଯଦି ସଂଖ୍ୟା 2453617 ରେ ପ୍ରତ୍ୟେକ ଅଯୁଗ୍ମ ଅଙ୍କରେ 1 ଯୋଗ କରାଯାଏ ଏବଂ ପ୍ରତ୍ୟେକ ଯୁଗ୍ମ ଅଙ୍କରୁ 2 ବିୟୋଗ କରାଯାଏ, ତେବେ ଏହିପରି ଗଠିତ ନୂତନ ସଂଖ୍ୟାର ବାମରୁ ତୃତୀୟ ଅଙ୍କ ଏବଂ ଡାହାଣରୁ ଦ୍ୱିତୀୟ ଅଙ୍କ ମଧ୍ୟରେ ଅନ୍ତର କେତେ ହେବ?

Ans

✓ 1. 4

✗ 2. 3

✗ 3. 5

✗ 4. 2

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Q.19 ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ନୀଳ ଲିଟମସ୍ କାଗଜକୁ ଲାଲ କରିଦେବ?
a) ହାଇଡ୍ରୋଜେନ୍ କ୍ଲୋରାଇଡ୍ ଗ୍ୟାସ୍
b) ହାଇଡ୍ରୋକ୍ଲୋରିକ୍ ଏସିଡ୍
c) ସୋଡିୟମ୍ ହାଇଡ୍ରକ୍ସାଇଡ୍ ଦ୍ରବଣ

Ans
✗ 1. କେବଳ (b) ଏବଂ (c)
✗ 2. କେବଳ (a) ଏବଂ (b)
✓ 3. କେବଳ (b)
✗ 4. କେବଳ (c) ଏବଂ (a)

Q.20 **Why is the stigma of wind-pollinated plants like maize typically long and feathery?**

Ans
✗ 1. To protect pollen from environmental factors
✓ 2. To effectively trap airborne pollen grains
✗ 3. To successfully attract insect pollinators
✗ 4. To improve seed dispersal across distances

Q.21 ₹14,700 କୁ ଏପରି ତିନି ଭାଗରେ ବିଭକ୍ତ କରନ୍ତୁ, ଯେପରିକି ପ୍ରଥମ ଭାଗର ଅଧା, ଦ୍ୱିତୀୟ ଭାଗର ଏକ-ଚତୁର୍ଥାଂଶ ଏବଂ ତୃତୀୟ ଭାଗର ଏକ-ଅଷ୍ଟମାଂଶ ସମାନ ହେବ । ପ୍ରଥମ ଭାଗ (₹ ରେ) ନିର୍ଣ୍ଣୟ କର ।

Ans
✓ 1. 2100
✗ 2. 2300
✗ 3. 2200
✗ 4. 1900

Q.22 ଦୁଇ ବନ୍ଧୁ X ଓ Y ଯଥାକ୍ରମେ ₹132 ଓ ₹230 ପ୍ରାରମ୍ଭିକ ପୁଞ୍ଜି ନିବେଶ କରି ଏକ ବ୍ୟବସାୟ ଆରମ୍ଭ କରିଥିଲେ । ବର୍ଷ ଶେଷରେ ବ୍ୟବସାୟ ₹38,553 ଲାଭ କରିଥିଲା । ଲାଭରେ X ଙ୍କ ଅଂଶ କେତେ?

Ans
✗ 1. ₹14,088
✓ 2. ₹14,058
✗ 3. ₹14,758
✗ 4. ₹14,078

Q.23
If, x + y + z = 7
x − y + z = 5
x + y − z = 3
What is the value of x + 2y + 3z?

Ans
✗ 1. 14
✗ 2. 11
✗ 3. 13
✓ 4. 12

Q.24 ଜଣେ ଦୋକାନୀ ଦାବି କରନ୍ତି ଯେ ସେ kg ପିଛା ₹10 ରେ ରକ ସଲ୍ଟ ବିକ୍ରି କରନ୍ତି, ଯାହା ତାଙ୍କୁ kg ପିଛା ₹10 ରେ କିଣିବାକୁ ପଡୁଛି । ଯେତେବେଳେକି ସେ 957 g ଦେବା ପରିବର୍ତ୍ତେ କେବଳ 638 g ଦିଅନ୍ତି । ତାଙ୍କର ଲାଭ ପ୍ରତିଶତ କେତେ?

Ans
✗ 1. 51%
✗ 2. 48%
✗ 3. 47%
✓ 4. 50%

Q.25 ବାହ୍ୟ ଶରୀର ଆବରଣରେ ଜଳ କ୍ଷୟ ରୋକିବାରେ ଏପିଥେଲିଆଲ ଟିସୁ ର କେଉଁ ବୈଶିଷ୍ଟ୍ୟ ସାହାଯ୍ୟ କରେ?

Ans
✗ 1. ଏକକ ସ୍ତରରେ ସଜ୍ଜିତ ହୋଇଥିବା କୋଷଗୁଡିକ
✗ 2. ପୃଷ୍ଠଭାଗରେ ସିଲିଆ ଧାରଣ କରିଥିବା କୋଷ
✗ 3. ମୁଖ୍ୟତଃ କ୍ଷରଣ ପାଇଁ ଉଦ୍ଦିଷ୍ଟ କୋଷ
✓ 4. କମ ଶୂନ୍ୟସ୍ଥାନ ସହିତ ନିବିଡ ଭାବରେ ପ୍ୟାକ ହୋଇଥିବା କୋଷ

blackbook

Q.26 ଏକ ସମଦ୍ୱିବାହୁ ତ୍ରିଭୁଜର କ୍ଷେତ୍ରଫଳ କେତେ, ଯାହାର ସମାନ ବାହୁଗୁଡିକ ତୃତୀୟ ବାହୁର ଦୁଇଗୁଣ ଏବଂ ଯାହାର ପରିସୀମା 80 cm ଅଟେ?

Ans

✗ 1. $52\sqrt{15}\ \text{cm}^2$

✗ 2. $60\sqrt{15}\ \text{cm}^2$

✓ 3. $64\sqrt{15}\ \text{cm}^2$

✗ 4. $56\sqrt{15}\ \text{cm}^2$

Q.27 **MJHE is related to GDBY in a certain way based on the English alphabetical order. In the same way, GDBY is related to AXVS. To which of the following is YVTQ related to, following the same logic?**

Ans

✗ 1. SQMT

✗ 2. SPMK

✓ 3. SPNK

✗ 4. SOMK

Q.28 ମନେକର ଜଣେ ବିଦ୍ୟାର୍ଥୀଙ୍କ ଅନ୍ତିମ ଗ୍ରେଡ ନିମ୍ନଲିଖିତ ଭାରିତ ଉପରେ ଆଧାରିତ: ଆସାଇନମେଣ୍ଟ - 10%, ମଧ୍ୟମା ପରୀକ୍ଷା - 15%, ଏବଂ ଶେଷ ପରୀକ୍ଷା - 75% ଅଟେ । ବିଦ୍ୟାର୍ଥୀ ଜଣକ ଆସାଇନମେଣ୍ଟରେ 85, ମଧ୍ୟମା ପରୀକ୍ଷାରେ 78 ଏବଂ ଅନ୍ତିମ ପରୀକ୍ଷାରେ 92 ନମ୍ବର ପାଇଥିଲେ । ବିଦ୍ୟାର୍ଥୀଙ୍କ ଅନ୍ତିମ ଗ୍ରେଡ କେତେ?

Ans

✗ 1. 69

✗ 2. 78.5

✓ 3. 89.2

✗ 4. 91.25

Q.29 ଭାରତର ଉପଦ୍ୱୀପୀୟ ମାଳଭୂମି ମୁଖ୍ୟତଃ କେଉଁ ପ୍ରକାରର ଶିଳା ସମୂହକୁ ନେଇ ଗଠିତ?

Ans

✗ 1. ନିକଟ ଅତୀତର ଅବକ୍ଷେପ ଜମା (Recent sedimentary deposits)

✓ 2. ପ୍ରାଚୀନ ନାଇସ ଏବଂ ଗ୍ରାନାଇଟ (Ancient gneisses and granites)

✗ 3. କେବଳ ସଦ୍ୟ ଆଗ୍ନେୟ ବାସାଲ୍ଟ ସିଟ (Fresh volcanic basalt sheets only)

✗ 4. ସାମୁଦ୍ରିକ ଚୂନପଥର ଶଯ୍ୟା (Marine limestone beds)

Q.30 **The main focus of the New Industrial Policy of 1991 was to _____.**

Ans

✗ 1. increase import tariffs

✗ 2. provide direct subsidies to all industries

✓ 3. liberalize the industrial licensing regime

✗ 4. nationalize major industries

Q.31 $\text{Find the value of } \left[\frac{\text{cosecA}}{\text{cosecA}-1}+\frac{\text{cosecA}}{\text{cosecA}+1}\right]\times 3\text{tanA cosecA.}$

Ans

✗ 1. 3 tanA

✓ 2. 6 $\sec^3 A$

✗ 3. 6 $\tan^2 A$

✗ 4. 3 secA

Q.32 ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁ ରାସାୟନିକ ସଙ୍କେତଟି ଦୁଇଟି ଆଲୁମିନିୟମ ପରମାଣୁ, ତିନୋଟି ସଲ୍‌ଫର୍ ପରମାଣୁ ଏବଂ ବାରୋଟି ଅକ୍ସିଜେନ ପରମାଣୁ ଧାରଣ କରିଥିବା ଏକ ଯୌଗିକକୁ ସଠିକ୍ ଭାବରେ ଦର୍ଶାଏ?

Ans

✗ 1. Al_2SO_4

✗ 2. $Al(SO_4)_2$

✗ 3. $Al_3(SO_4)_2$

✓ 4. $Al_2(SO_4)_3$

Q.33 **R,S,T,U,G,H and I are sitting around a circular table facing the centre of the table.**
H sits third to the left of T. Only one person sits between T and U when counted from the left of U. Only two people sit between I and S when counted from the right of S.G is an immediate neighbor of I.
Who sits third to the right of R?

Ans
✗ 1. I
✗ 2. S
✗ 3. U
✓ 4. H

Q.34 **A package lands on a spring-loaded platform. Which pair of forces forms the action-reaction pair according to Newton's third law?**

Ans
✗ 1. The Earth pulls the package downward, and the platform pushes the package upward with equal force.
✗ 2. The package pushes downward on the platform, and gravity pulls the package downward.
✗ 3. The platform pushes upward on the package, and gravity pulls the Earth downward.
✓ 4. The package pushes on the platform, and the platform pushes back on the package with equal force.

Q.35 **In this question, a group of numbers/symbols is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer. If none of the conditions follow, then the codes for the respective number/symbol are to be followed directly as given in the table.**

Number/Symbol	%	*	1	?	@	3	$	5	4	8
Code	C	I	V	R	F	G	O	M	L	U

Conditions –
(i) If the first element is an odd number, interchange the codes of the first and last elements.
(ii) If the second and third elements are symbols, code the third element as the code of the second element.
(iii) If the fourth element is a symbol, code both fourth and fifth elements as ©.

What is the code for the following group of number-symbols?
%*1?@

Ans
✗ 1. CIV©F
✗ 2. CIGR©
✗ 3. ©IVRF
✓ 4. CIV©©

Q.36 **The 7-digit number 34A711B is divisible by 4. What is the minimum value of (A+B)?**

Ans
✓ 1. 2
✗ 2. 3
✗ 3. 4
✗ 4. 7

Q.37 **What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?**
230 x 23 - 16 ÷ 13 + 23 =?

Ans
✓ 1. 195
✗ 2. 185
✗ 3. 175
✗ 4. 170

Q.38 ଦୁଇଟି ପରିପୂରକ କୋଣ ମଧ୍ୟରୁ ବୃହତ୍ତର କୋଣ, କ୍ଷୁଦ୍ରତର କୋଣ ଅପେକ୍ଷା 58° ଅଧିକ ଅଟେ । କ୍ଷୁଦ୍ରତର କୋଣଟିର ପରିମାଣ (ଡିଗ୍ରୀ ରେ) କେତେ?

Ans
✗ 1. 65
✓ 2. 61
✗ 3. 53
✗ 4. 66

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Q.39 **What should come in place of '?' in the given series based on the English alphabetical order?**
KEG JDF ICE HBD ?

Ans
✗ 1. GAD
✓ 2. GAC
✗ 3. GBE
✗ 4. GBC

Q.40 **Which connective tissue at a joint is responsible for connecting bone to bone and restricting excessive movement, thus preventing dislocation?**

Ans
✗ 1. Cartilage
✓ 2. Ligament
✗ 3. Bone
✗ 4. Tendon

Q.41 **What should come in place of the question mark (?) in the given series?**

10 18 40 70 114 166 ?

Ans
✗ 1. 262
✓ 2. 232
✗ 3. 223
✗ 4. 226

Q.42 ତାପମାତ୍ରା ବୃଦ୍ଧି ପାଇଲେ ଜଳରେ ଏକ କଠିନ ଦ୍ରବର ଦ୍ରବଣୀୟତା କିପରି ପରିବର୍ତ୍ତିତ ହୁଏ, ତାହା କେଉଁ ଉକ୍ତିଟି ସର୍ବୋତ୍ତମ ଭାବରେ ବର୍ଣ୍ଣନା କରେ?

Ans
✓ 1. ତାପମାତ୍ରା ବୃଦ୍ଧି ପାଇଲେ ଅଧିକାଂଶ କଠିନ ଦ୍ରବର ଦ୍ରବଣୀୟତା ବୃଦ୍ଧି ପାଇଥାଏ
✗ 2. ତାପମାତ୍ରା ପରିବର୍ତ୍ତନ ସହିତ ଅଧିକାଂଶ କଠିନ ଦ୍ରବର ଦ୍ରବଣୀୟତା ଅପରିବର୍ତ୍ତିତ ରହେ।
✗ 3. ଅଧିକାଂଶ କଠିନ ଦ୍ରବର ଦ୍ରବଣୀୟତା ତାପମାତ୍ରା ବୃଦ୍ଧି ସହିତ ପ୍ରଥମେ ବୃଦ୍ଧି ପାଇଥାଏ ଏବଂ ପରେ ହ୍ରାସ ପାଇଥାଏ
✗ 4. ତାପମାତ୍ରା ବୃଦ୍ଧି ପାଇଲେ ଅଧିକାଂଶ କଠିନ ଦ୍ରବର ଦ୍ରବଣୀୟତା ହ୍ରାସ ପାଇଥାଏ

Q.43 **A pair of shoes marked at ₹3,000 is subject to two successive discounts of 10% and 15%. What is the final selling price of the shoes?**

Ans
✗ 1. ₹2,250
✓ 2. ₹2,295
✗ 3. ₹2,550
✗ 4. ₹2,100

Q.44 **14 is related to 210 following a certain logic. Following the same logic, 18 is related to 270. To which of the following is 25 related to, following the same logic?**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its 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)

Ans
✗ 1. 385
✓ 2. 375
✗ 3. 370
✗ 4. 380

Q.45 **BEAUTIFUL** ଶବ୍ଦର ପ୍ରତ୍ୟେକ ସ୍ୱରବର୍ଣ୍ଣକୁ ଇଂରାଜୀ ବର୍ଣ୍ଣମାଳା କ୍ରମ ଆଧାରରେ ଏହାର ଠିକ ପରବର୍ତ୍ତୀ ଅକ୍ଷରରେ ପରିବର୍ତ୍ତନ କରାଯାଇଛି ଏବଂ ପ୍ରତ୍ୟେକ ବ୍ୟଞ୍ଜନବର୍ଣ୍ଣକୁ ଇଂରାଜୀ ବର୍ଣ୍ଣମାଳା କ୍ରମ ଆଧାରରେ ଏହାର ଠିକ ପୂର୍ବବର୍ତ୍ତୀ ଅକ୍ଷରରେ ପରିବର୍ତ୍ତନ କରାଯାଇଛି । ଏହିପରି ଗଠିତ ଅକ୍ଷର ଗୋଷ୍ଠୀରେ ନିମ୍ନଲିଖିତ ଅକ୍ଷରଗୁଡିକ ମଧ୍ୟରୁ କେଉଁଟି ଠିକ ଦୁଇଥର ଦେଖାଯିବ?

Ans
✓ 1. V
✗ 2. J
✗ 3. E
✗ 4. S

Black

Q.46 ଦୁଇଟି କ୍ରମିକ ଯୁଗ୍ମ ଗଣନ ସଂଖ୍ୟାର ବର୍ଗର ସମଷ୍ଟି 3044 ଅଟେ । ସେହି ସଂଖ୍ୟାଗୁଡିକର ସମଷ୍ଟି କେତେ?

Ans

✗ 1. 48

✓ 2. 78

✗ 3. 60

✗ 4. 72

Q.47 If $\sin\theta = \frac{3}{5}$ and θ is an acute angle, then what is the value of $\cos$

Ans

✓ 1. $\frac{4}{5}$

✗ 2. $\frac{5}{3}$

✗ 3. $\frac{3}{4}$

✗ 4. $\frac{1}{2}$

Q.48 **Which of the following sequences correctly represents the route of blood through arteries, capillaries, and veins?**

Ans

✗ 1. Heart → veins → capillaries → arteries → heart

✗ 2. Heart → veins → arteries → capillaries → heart

✗ 3. Heart → capillaries → arteries → veins → heart

✓ 4. Heart → arteries → capillaries → veins → heart

Q.49 **While drawing a ray diagram for a spherical mirror, a student first draws the line passing through the pole and the center of curvature. What is this line called?**

Ans

✗ 1. Incident ray

✗ 2. Focal plane

✗ 3. Normal

✓ 4. Principal axis

Q.50 **If 40% of a number is added to 240, then the result is the same number. 30% of the same number is:**

Ans

✓ 1. 120

✗ 2. 140

✗ 3. 100

✗ 4. 160

Q.51 ଯେତେବେଳେ ଏକ ଉଦ୍ଭିଦ କୋଷକୁ ଏପରି ଏକ ଦ୍ରବଣରେ ରଖାଯାଏ, ଯାହାର ବାହାରେ ଦ୍ରବର ଗାଢତା କୋଷ ଭିତରର ଗାଢତା ଅପେକ୍ଷା ଅଧିକ ଅଟେ, ସେତେବେଳେ କେଉଁ ପ୍ରକ୍ରିୟା ଘଟିବାର ସମ୍ଭାବନା ଥାଏ?

Ans

✗ 1. ଦ୍ରବ ବାହାରକୁ ଚାଲିଯାଏ, ଯାହା ଫଳରେ କୋଷ ସଙ୍କୁଚିତ ହୁଏ

✗ 2. ଦ୍ରବ ଭିତରକୁ ପ୍ରବେଶ କରେ, ଯାହା ଫଳରେ କୋଷ ପ୍ରସାରିତ ହୁଏ

✓ 3. ଜଳ ବାହାରକୁ ଚାଲିଆସେ, ଯାହା ଫଳରେ କୋଷର ଆଭ୍ୟନ୍ତରୀଣ ଅଂଶ ସଙ୍କୁଚିତ ହୋଇଯାଏ

✗ 4. ଜଳ ଭିତରକୁ ପ୍ରବେଶ କରେ, ଯାହା ଫଳରେ କୋଷ ଫୁଲିଯାଏ

Q.52 **Where did Rutherford conclude that the positive charge and mass of an atom are concentrated?**

Ans

✗ 1. In the outer orbit

✗ 2. In the vacant space

✓ 3. In the nucleus

✗ 4. In the electron cloud

blackbook

Q.53 In a certain code language,
'mango apple grape' is coded as 'pk rt hj',
'grape banana orange' is coded as 'cx wm rt' and
'orange mango guava' is coded as 'nq hj cx'.
(All the codes are two-letter codes only.)
What is guava coded as?

Ans
✗ 1. hj
✓ 2. nq
✗ 3. wm
✗ 4. cx

Q.54 Six friends, D, E, F, W, X and Z, live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
No one lives above D. Only two people live between D and Z. Only two people live between E and X. X lives below Z but above F.
How many people live below W?

Ans
✗ 1. Four
✗ 2. One
✗ 3. Two
✓ 4. Three

Q.55 The Battle of Wandiwash in 1760 was decisive in ending the political ambitions of which European power in India?

Ans
✓ 1. French
✗ 2. Portuguese
✗ 3. Spanish
✗ 4. Dutch

Q.56 କେଉଁ ଯୋଜନା ନିର୍ଦ୍ଦିଷ୍ଟ ବର୍ଜନ ମାନଦଣ୍ଡ ସାପେକ୍ଷରେ ସାରା ଭାରତରେ ଜମିଧାରୀ ଚାଷୀ ପରିବାରକୁ ଆର୍ଥିକ ସହାୟତା ପ୍ରଦାନ କରେ, ଯାହା ସେମାନଙ୍କୁ କୃଷି, ଆନୁଷଙ୍ଗିକ କାର୍ଯ୍ୟ ଏବଂ ଘରୋଇ ଆବଶ୍ୟକତା ସହିତ ଜଡିତ ଖର୍ଚ୍ଚ ତୁଲାଇବାରେ ସକ୍ଷମ କରିଥାଏ?

Ans
✓ 1. ପ୍ରଧାନମନ୍ତ୍ରୀ କିଷାନ ସମ୍ମାନ ନିଧି
✗ 2. ପରମ୍ପରାଗତ କୃଷି ବିକାଶ ଯୋଜନା
✗ 3. ପ୍ରଧାନମନ୍ତ୍ରୀ ଫସଲ ବୀମା ଯୋଜନା
✗ 4. ପ୍ରଧାନମନ୍ତ୍ରୀ କିଷାନ ମାନ ଧନ ଯୋଜନା

Q.57 A toy store sells 20 cars at ₹100 each and 10 cars at ₹150 each. What is the weighted average price of the cars sold? (Rounded off to two decimal places)

Ans
✗ 1. ₹125.33
✓ 2. ₹116.67
✗ 3. ₹130.12
✗ 4. ₹120.44

Q.58 M, N, O, X, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
N lives on an even numbered floor but not on floor number 4. Only two people live between N and M. X lives on an odd numbered floor but not on the lowermost floor. Only two people live between X and O. Y lives immediately below X.
How many people live between Z and Y?

Ans
✗ 1. Three
✗ 2. Four
✓ 3. Two
✗ 4. One

Black book

Q.59 **This question is based on the following words**
(left) KID NAP SOB LOP (right)
How many letters are there between the first letter of the second word from the right and the second letter of the first word from the left as per English alphabetical order?

Ans
✗ 1. 8
✗ 2. 12
✗ 3. 10
✓ 4. 9

Q.60 **Kaushal travelled for 15 hours and 6 minutes at a speed of 80 km/h. At what speed (in km/h) should he travel to cover the same distance in 8 hours?**

Ans
✗ 1. 149
✗ 2. 150
✓ 3. 151
✗ 4. 152

Q.61 **A ୟୁନିଟ ବାହୁ ବିଶିଷ୍ଟ ଏକ ସୁଷମ ଷଡ଼ଭୁଜ ଏବଂ B ୟୁନିଟ ବାହୁ ବିଶିଷ୍ଟ ଏକ ସୁଷମ ଅଷ୍ଟଭୁଜର କ୍ଷେତ୍ରଫଳ ସମାନ ଅଟେ । B ୟୁନିଟ ବାହୁ ବିଶିଷ୍ଟ ଏକ ସୁଷମ ଷଡ଼ଭୁଜର କ୍ଷେତ୍ରଫଳ ସହିତ A ୟୁନିଟ ବାହୁ ବିଶିଷ୍ଟ ଏକ ସୁଷମ ଅଷ୍ଟଭୁଜର କ୍ଷେତ୍ରଫଳର ଅନୁପାତ କେତେ?**

Ans
✗ 1. $27 : 8(5 + 5\sqrt{5})$
✓ 2. $27 : 16(3 + 2\sqrt{2})$
✗ 3. $27 : 16(2 + 3\sqrt{3})$
✗ 4. $27 : 8(2 + 3\sqrt{3})$

Q.62 **ଜଣେ ବିଦ୍ୟାର୍ଥୀ 15 cm ଫୋକସ ଦୂରତା ବିଶିଷ୍ଟ ଏକ ଅବତଳ ଦର୍ପଣ ସାମ୍ନାରେ 30 cm ଦୂରତାରେ 2 cm ଉଚ୍ଚତା ବିଶିଷ୍ଟ ଏକ ବସ୍ତୁ ରଖିଲେ । ଯଦି ପ୍ରତିବିମ୍ବଟି ବସ୍ତୁ ଥିବା ପାର୍ଶ୍ୱରେ ହିଁ ଗଠିତ ହୁଏ ତେବେ ଦର୍ପଣ ଦ୍ୱାରା ସୃଷ୍ଟ ପରିବର୍ଦ୍ଧନ କେତେ ହେବ?**

Ans
✗ 1. ପରିବର୍ଦ୍ଧନ 0.5 ଅଟେ ଯାହା ବସ୍ତୁର ହ୍ରାସ ପାଇଥିବା ବାସ୍ତବ ପ୍ରତିବିମ୍ବ ସୂଚିତ କରେ
✗ 2. ପରିବର୍ଦ୍ଧନ 2 ଅଟେ ଯାହା ବସ୍ତୁ ଆକାରର ଦୁଇଗୁଣ ଏକ ଆଭାସୀ ପ୍ରତିବିମ୍ବ ଉତ୍ପନ୍ନ କରେ
✓ 3. ପବିବର୍ଦ୍ଧନ -1 ଅଟେ ଯାହା ବସ୍ତୁ ସହିତ ସମାନ ଆକାରର ଏକ ଓଲଟା ପ୍ରତିବିମ୍ବକୁ ସୂଚିତ କରେ
✗ 4. ପରିବର୍ଦ୍ଧନ -2 ଅଟେ ଯାହା ବସ୍ତୁର ଦୁଇଗୁଣ ଆକାରର ଏକ ଓଲଟା ପ୍ରତିବିମ୍ବ କୁ ସୂଚିତ କରେ

Q.63 **In a certain code language,**
'A ^ B' means 'A is the father of B',
'A ≠ B' means 'A is the mother of B',
'A ≥ B' means 'A is the wife of B' and
'A @ B' means 'A is the brother of B'.
Based on the above, how is P related to X if 'P ≥ Q ^ V ≠ W @ X'?

Ans
✗ 1. Sister's daughter
✗ 2. Daughter
✓ 3. Mother's mother
✗ 4. Sister

Q.64 **ଗୋଟିଏ SONAR ସିଷ୍ଟମ୍ ଜଳ ମଧ୍ୟରେ ଥିବା ଏକ ବସ୍ତୁ ଆଡ଼କୁ ଏକ ଅଲ୍ଟ୍ରାସୋନିକ୍ ପଲ୍ସ୍ ପଠାଇଥାଏ । କେଉଁ ଅବସ୍ଥା ଏକ ସ୍ୱଚ୍ଛ ପ୍ରତିଧ୍ୱନିର ଚିହ୍ନଟକୁ ପ୍ରତିରୋଧ କରିବ?**

Ans
✗ 1. ଜଳରେ ଧ୍ୱନିର ବେଗ ଅଧିକ
✗ 2. ବସ୍ତୁଟି ପାଣି ତଳେ ଅବସ୍ଥିତ
✓ 3. ବସ୍ତୁଟି ଏହାକୁ ପ୍ରତିଫଳିତ କରିବା ପରିବର୍ତ୍ତେ ଅଧିକାଂଶ ଧ୍ୱନି ଶକ୍ତିକୁ ଅବଶୋଷଣ କରେ
✗ 4. ପ୍ରତିଫଳିତ ଧ୍ୱନି ଡିଟେକ୍ଟରକୁ ଫେରିଥାଏ

Q.65 **Refer to the following letter, symbol series and answer the question.**
(Left) & Ω + ʎ % * W P @ K ð E & P H G N & U F @ (Right)
If all the symbols are dropped from the series, which of the following will be fifth from the left?

Ans
✗ 1. K
✗ 2. W
✓ 3. P
✗ 4. E

Q.66 **A business repays a compound interest loan via 10 equal installments. If the total amount paid is ₹1,05,000, what is the value of each installment?**

Ans
✗ 1. ₹12,000
✗ 2. ₹9,500
✓ 3. ₹10,500
✗ 4. ₹11,000

Q.67 **ଯଦି ଲଟ୍ଟାଙ୍କ −10, −9, −8, −7, −6, −5, −4, −3, −2, −1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ଏବଂ 10 ର ପ୍ରସରଣ (variance) m ହୁଏ ଏବଂ ଲଟ୍ଟାଙ୍କ ଗୁଡ଼ିକ 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, ଏବଂ 30 ର ପ୍ରସରଣ n ହୁଏ, ତେବେ m + n ର ମୂଲ୍ୟ ନିର୍ଣ୍ଣୟ କର (ଏକ ଦଶମିକ ସ୍ଥାନ ପର୍ଯ୍ୟନ୍ତ) ।**

Ans
✗ 1. 72.5
✗ 2. 74.5
✓ 3. 73.3
✗ 4. 70.3

Q.68 **Alex starts from point A and drives 15 km towards West. He then takes a left turn and drives 17 km. He takes a final right turn and drives 6 km and stops at point B. Eric starts from point P, which is 14 km East of Point A, and drives 8 km towards West. He then takes a left turn and drives 17 km. He takes a final right turn and drives 15 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90-degree turns only.)**

Ans
✓ 1. 12 km
✗ 2. 13 km
✗ 3. 14 km
✗ 4. 11 km

Q.69 **The average marks obtained in mathematics by the students of a class was 96. The average marks obtained by the boys is 10% more than the average marks obtained by the girls. If the ratio of the number of boys to that of girls is 5 : 2, then the average marks obtained by the girls is:**

Ans
✗ 1. 95
✓ 2. 89.6
✗ 3. 89
✗ 4. 93.4

Q.70 **Which Article of the Indian Constitution specifically mandates reservation of seats for Scheduled Castes and Scheduled Tribes in Panchayats?**

Ans
✓ 1. Article 243-D
✗ 2. Article 243-G
✗ 3. Article 243-I
✗ 4. Article 243-C

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Q.71 ପ୍ରାଣୀ ବର୍ଗୀକରଣରେ ନୋଟୋକର୍ଡ (notochord) ର ଉପସ୍ଥିତି କିମ୍ବା ଅନୁପସ୍ଥିତି କାହିଁକି ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ମାନଦଣ୍ଡ ଅଟେ?

Ans
- ✔ 1. ଏହା କର୍ଡେଟକୁ ଅଣ-କର୍ଡେଟରୁ ପୃଥକ କରିବାରେ ସାହାଯ୍ୟ କରେ
- ✘ 2. ଏହା କର୍ଡେଟମାନଙ୍କ ପାଇଁ ଏକ ପ୍ରମୁଖ ସଞ୍ଚାଳନ ଅଙ୍ଗ ଭାବରେ କାର୍ଯ୍ୟ କରେ
- ✘ 3. ଏହା ପଶୁମାନଙ୍କ ଶରୀରର ଆଭ୍ୟନ୍ତରୀଣ ତାପମାତ୍ରା ନିୟନ୍ତ୍ରଣ କରେ
- ✘ 4. ଏହା କର୍ଡେଟ ପାଇଁ ଏକ ପ୍ରାଥମିକ ଖାଦ୍ୟ ଉତ୍ସ ଭାବରେ କାର୍ଯ୍ୟ କରେ

Q.72 ଧାତୁଗୁଡ଼ିକ ସାଧାରଣତଃ କାହିଁକି ତାପ ଏବଂ ବିଦ୍ୟୁତର ସୁପରିବାହୀ ଅଟନ୍ତି?

Ans
- ✘ 1. ଧାତୁଗୁଡ଼ିକର ଉଚ୍ଚ ଗଳନାଙ୍କ
- ✘ 2. ଧାତୁ ପରମାଣୁର ଉଚ୍ଚ ସାନ୍ଦ୍ରତା
- ✔ 3. ସରଞ୍ଜନାରେ ମୁକ୍ତ ଇଲେକ୍ଟ୍ରନର ଉପସ୍ଥିତି
- ✘ 4. ଧାତୁଗୁଡ଼ିକ ମଧ୍ୟରେ ଥିବା ଦୃଢ଼ ଆୟନୀକ ବନ୍ଧ

Q.73 **The 7th edition of Exercise DUSTLIK in 2026 was conducted between India and which Central Asian country?**

Ans
- ✘ 1. Kazakhstan
- ✘ 2. Kyrgyzstan
- ✘ 3. Tajikistan
- ✔ 4. Uzbekistan

Q.74 ପୃଥିବୀରେ ସୌର ଶକ୍ତିର କେଉଁ ରୂପ ଆଲୋକ-ସଂଶ୍ଳେଷଣ ପ୍ରକ୍ରିୟାକୁ ସହାୟକ ହୋଇଥାଏ?

Ans
- ✘ 1. ଅବଲୋହିତ ରଶ୍ମି
- ✘ 2. ଗାମା ରଶ୍ମି
- ✘ 3. ଅତିବାଇଗଣୀ ରଶ୍ମି
- ✔ 4. ଦୃଶ୍ୟମାନ ଆଲୋକ

Q.75 **The cost of a washing machine is 60% less than the cost of a TV. If the cost of the washing machine increases by 34% and that of the TV decreases by 24%, then what is the percentage change in the total cost of 5 washing machines and 2 TVs?**

Ans
- ✘ 1. 8% decrease
- ✘ 2. 8% increase
- ✔ 3. 5% increase
- ✘ 4. 5% decrease

Q.76 କେନ୍ଦ୍ରୀୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ ଦ୍ୱାରା ବିକଶିତ ବାୟୁ ଗୁଣବତ୍ତା ସୂଚକାଙ୍କ (AQI) ଅନୁଯାୟୀ, AQI ମୂଲ୍ୟ ଗଣନା କରିବା ପାଇଁ କେତୋଟି ବାୟୁ ପ୍ରଦୂଷକକୁ ବିଚାର କରାଯାଏ?

Ans
- ✔ 1. ଆଠଟି ପ୍ରଦୂଷକ
- ✘ 2. ସାତୋଟି ପ୍ରଦୂଷକ
- ✘ 3. ନଅଟି ପ୍ରଦୂଷକ
- ✘ 4. ଛଅଟି ପ୍ରଦୂଷକ

Q.77 ନରମପନ୍ଥୀମାନେ ସେମାନଙ୍କର ଲକ୍ଷ୍ୟ ହାସଲ କରିବା ପାଇଁ ନିମ୍ନଲିଖିତ କେଉଁ ମୁଖ୍ୟ ପଦ୍ଧତି ବ୍ୟବହାର କରିଥିଲେ?

Ans
- ✘ 1. ହିଂସାତ୍ମକ ବିପ୍ଳବ
- ✘ 2. ସରକାରଙ୍କ ସହ ଅସହଯୋଗ
- ✔ 3. ପିଟିସନ, ପ୍ରାର୍ଥନା ଏବଂ ସ୍ମାରକପତ୍ର
- ✘ 4. ଆଇନ ଅମାନ୍ୟ

Q.78 ସପୁଷ୍ପକ ଉଦ୍ଭିଦଗୁଡ଼ିକରେ ସମାୟନ ପରେ ଡିମ୍ବକଗୁଡ଼ିକ କେଉଁଥିରେ ପରିଣତ ହୁଅନ୍ତି?

Ans
- ✘ 1. ଫଳ
- ✔ 2. ବୀଜ
- ✘ 3. ଯୁଗ୍ମଜ
- ✘ 4. ପରାଗ

blackboard

Q.79 **B, C, V, W, Y, and Z each scored different marks. Only two people have scored between V and B. Only one person has scored more than Z. Only three people have scored between Z and V. C has scored more than Y but less than W. How many people have scored more than V?**

Ans
- ✗ 1. Three
- ✓ 2. Five
- ✗ 3. Two
- ✗ 4. Four

Q.80 **ବିଭିନ୍ନ ଉତ୍ସରୁ ସଂଗୃହୀତ ଦୁଇଟି ଜଳ ନମୁନାକୁ ତୁଳନା କରିବା ସମୟରେ କେଉଁ ବିବୃତି ସ୍ଥିର ଅନୁପାତ ନିୟମ (Law of Constant Proportions) କୁ ସଠିକ ଭାବରେ ପ୍ରତିପାଦନ କରେ?**

Ans
- ✗ 1. ସେଗୁଡ଼ିକର ଉତ୍ସଗୁଡ଼ିକ ଯୋଗୁଁ ନମୂନାଗୁଡ଼ିକର ଭିନ୍ନ ଉପାଦାନ ରହିଥାଏ
- ✗ 2. ପ୍ରତ୍ୟେକ ନମୁନାରେ ହାଇଡ୍ରୋଜେନ ଓ ଅକ୍ସିଜେନର ଏକ ଅନନ୍ୟ ଅନୁପାତ ରହିଥାଏ
- ✗ 3. ହାଇଡ୍ରୋଜେନର ପରିମାଣ ସର୍ବଦା ଅଧିକ ଥାଏ କିନ୍ତୁ ଅନୁପାତ ପରିବର୍ତ୍ତନ ହୋଇପାରେ
- ✓ 4. ଉଭୟ ନମୁନାରେ ହାଇଡ୍ରୋଜେନ ଏବଂ ଅକ୍ସିଜେନ ସମାନ ବସ୍ତୁତ୍ୱ ଅନୁପାତରେ ସଂଯୁକ୍ତ ରହିଥାଏ

Q.81 **After the death of its celebrated author in July 2026, which book by Shahrnush Parsipur became the focus of international attention?**

Ans
- ✗ 1. The Bastard of Istanbul
- ✗ 2. Woman at Point Zero
- ✓ 3. Women Without Men
- ✗ 4. My Name is Red

Q.82 **A certain sum of money, when invested at simple interest, amounts to ₹1,750 in 2 years and to ₹2,500 in 4 years. Find the rate of interest per annum, in %.**

Ans
- ✓ 1. 37.5
- ✗ 2. 62.5
- ✗ 3. 50
- ✗ 4. 25

Q.83 **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
- ✗ 1. IG - DB
- ✗ 2. VT - QO
- ✓ 3. HF - CB
- ✗ 4. KI - FD

Q.84 **What should come in place of the question mark (?) in the given series?**

11 18 39 74 123 ?

Ans
- ✗ 1. 213
- ✗ 2. 179
- ✗ 3. 193
- ✓ 4. 186

Q.85 **In February 2026, BharatGen was highlighted as India's government-supported sovereign Large Language Model initiative. Which model was described as its text foundation model in 22 scheduled Indian languages?**

Ans
- ✗ 1. AIRAWAT-2
- ✓ 2. Param-2
- ✗ 3. MeghRaj-3
- ✗ 4. AIKosh-1

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Q.86 **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.**

KCK : HEG
OIP : LKL

Ans
- ✗ 1. TLL : QNG
- ✗ 2. SLN : PNK
- ✓ 3. RBQ : ODM
- ✗ 4. IFM : FII

Q.87 **What is the function of the pollen tube in the reproduction of flowering plants?**

Ans
- ✓ 1. It carries the male gamete to the ovule
- ✗ 2. It forms the fruit around the ovules
- ✗ 3. It provides nutrients to the embryo
- ✗ 4. It disperses seeds away from the plant

Q.88 **ଏକ ଆୟତଘନର ଦୈର୍ଘ୍ୟ ଏବଂ ପ୍ରସ୍ଥ ଯଥାକ୍ରମେ 50% ଏବଂ 20% ବୃଦ୍ଧି ପାଏ । ଯଦି ଏହାର ଉଚ୍ଚତା 30% ହ୍ରାସ ପାଏ, ତେବେ ଆୟତଘନର ଆୟତନରେ କେତେ ଶତକଡା ବୃଦ୍ଧି ହେବ ?**

Ans
- ✓ 1. 26%
- ✗ 2. 40%
- ✗ 3. 36%
- ✗ 4. 30%

Q.89 **Rabi crops in India, which require cool weather during growth and warmer weather at the time of maturity, are typically sown in which period?**

Ans
- ✗ 1. June to July
- ✗ 2. March to April
- ✗ 3. August to September
- ✓ 4. October to December

Q.90 **The base of a conical tent has a diameter of 76.8 m, and the height to its vertex is 11.2 m. What is the area of the canvas required to put up such a tent (in sq. m, round up to two decimal places)? (Take $\pi = \frac{22}{7}$ and round off your answer to two decimal places.)**

Ans
- ✗ 1. 3710.01
- ✓ 2. 4827.43
- ✗ 3. 4287.84
- ✗ 4. 3017.16

Q.91 **One pipe can fill the tank in 27 minutes while another pipe can empty the completely filled tank in 54 minutes. If both the pipes are operated together on an empty tank, how long (in minutes) will it take to fill one-third of the tank?**

Ans
- ✓ 1. 18
- ✗ 2. 54
- ✗ 3. 72
- ✗ 4. 36

Q.92 **When looking at a nearby object, how does the human eye adjust for clear vision?**

Ans
- ✗ 1. The cornea becomes flatter to focus more light
- ✓ 2. The lens becomes thicker to increase its focal power
- ✗ 3. The iris expands to increase image clarity
- ✗ 4. The lens becomes thinner to decrease its focal power

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Q.93 **Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single-digit numbers.**
(Left) 7 % 1 & 9 $ 4 Ω 3 @ 8 * 5 £ 6 & 2 # 9 (Right)
How many such symbols are there, each of which is immediately preceded by an odd number but not immediately followed by an even number?

Ans
- ✗ 1. Three
- ✗ 2. None
- ✓ 3. Two
- ✗ 4. One

Q.94 **16 is related to 240 following a certain logic. Following the same logic, 21 is related to 420. To which of the following is 30 related, following the same logic?**
(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 to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ 1. 892
- ✗ 2. 812
- ✗ 3. 845
- ✓ 4. 870

Q.95 **A teacher asks students to balance the equation: $Na + H_2O \rightarrow NaOH + H_2$. Which balanced form has equal numbers of atoms for each element?**

Ans
- ✗ 1. 2Na, $2H_2O$, 1NaOH, $2H_2$
- ✓ 2. 2Na, $2H_2O$, 2NaOH, $1H_2$
- ✗ 3. 1Na, $1H_2O$, 1NaOH, $1H_2$
- ✗ 4. 2Na, $1H_2O$, 2NaOH, $2H_2$

Q.96 **If the ratio of two numbers is 4 : 7, and their HCF is 34, then their LCM is:**

Ans
- ✓ 1. 952
- ✗ 2. 884
- ✗ 3. 816
- ✗ 4. 984

Q.97 **Geological evidence such as marine fossil deposits found near Jaisalmer indicates that the Thar Desert region was once submerged under the sea during which geological era?**

Ans
- ✓ 1. Mesozoic era
- ✗ 2. Cenozoic era
- ✗ 3. Palaeozoic era
- ✗ 4. Precambrian era

Q.98 **Virat invested ₹24,375 at 8% per annum for 1 year at compound interest, compounded half-yearly. The amount received by him is:**

Ans
- ✗ 1. ₹26,014
- ✓ 2. ₹26,364
- ✗ 3. ₹25,628
- ✗ 4. ₹26,519

Q.99 **The number 737937 is divisible by which of the following?**

Ans
- ✓ 1. 3
- ✗ 2. 10
- ✗ 3. 13
- ✗ 4. 5

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Q.100 କଲଏଡାଲ କଣିକାକୁ ଏକତ୍ରିତ ଏବଂ ସ୍ଥିର (aggregate and settle) କରି ଏକ ଆସମଜାତୀୟ ମିଶ୍ରଣରୁ ପୃଥକ କରିବା ପାଇଁ ସାଧାରଣତଃ କେଉଁ ପ୍ରକ୍ରିୟା ବ୍ୟବହୃତ ହୁଏ?

Ans

✗ 1. ପରିସ୍ରବଣ

✓ 2. ଜମାଟ ବାନ୍ଧିବା (Coagulation)

✗ 3. କ୍ରୋମାଟୋଗ୍ରାଫି

✗ 4. ପାତନ (Distillation)

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