Question 1. Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबंधित शब्द/अक्षरों/संख्या को चुनिए।

Preamble: Constitution :: ? : ?

Options:
1) Word : Dictionary
2) Contents : Magazine
3) Explanation : Poetry
4) Preface : Book

Correct Answer: Preface : Book

Candidate Answer: Preface : Book

Question 2. Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबंधित शब्द/अक्षरों/संख्या को चुनिए।

EFG : VUT :: KLM : ?

Options:
1) KIH
2) PON
3) ZXY
4) FDC

Correct Answer: PON

Candidate Answer: PON

Question 3. Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबंधित शब्द/अक्षरों/संख्या को चुनिए।

85 : 42 :: 139 : ?

Options:
1) 68
2) 69
3) 70
4) 67

Correct Answer: 69

Candidate Answer: 69
For the following questions

Find the odd word/letters/number from the given alternatives.

इस प्रश्न में दिए गए विकल्पों में से विषम संख्या/ अक्षर/ संख्या चुनिए।

Options:
1) Geometry रेखागणित
2) Trigonometry त्रिकोणमिति
3) Algebra बीजगणित
4) Mathematics गणित

Correct Answer: Mathematics गणित
Candidate Answer: Mathematics गणित

Question 5.

For the following questions

Find the odd word/letters/number from the given alternatives.

इस प्रश्न में दिए गए विकल्पों में से विषम संख्या/ अक्षर/ संख्या चुनिए।

Options:
1) BDGK
2) JLOS
3) NPSW
4) MORU

Correct Answer: MORU
Candidate Answer: BDGK

Question 6.

For the following questions

Find the odd word/letters/number from the given alternatives.

इस प्रश्न में दिए गए विकल्पों में से विषम संख्या/ अक्षर/ संख्या चुनिए।

Options:
1) 64
2) 125
3) 225
4) 216

Correct Answer: 225
Candidate Answer: 125

Question 7. If the given words are arranged according to English dictionary, which word will be in third place?

दिए गए शब्दों को अंग्रेजी शब्दकोश के अनुसार क्रम से रखने पर कौन सा शब्द तीसरे स्थान पर होगा?
Question 8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

इस प्रश्न में एक अनुक्रम दिया है, जिसमें एक पद लुप्त है। दिए गए विकल्पों में से सही विकल्प चुनिए जो अनुक्रम को पूरा करे।

ELFA, GIHA, ILJA, ?, MLNA

Options:
1) OLPA
2) KLMA
3) LLMA
4) KLLA

Correct Answer: KLLA

Candidate Answer: KLLA

Question 9. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

इस प्रश्न में एक अनुक्रम दिया है, जिसमें एक पद लुप्त है। दिए गए विकल्पों में से सही विकल्प चुनिए जो अनुक्रम को पूरा करें।

5, 11, 17, 25, 33, 43, ?

Options:
1) 49
2) 51
3) 52
4) 53

Correct Answer: 53

Candidate Answer: 53

Question 10. Pointing towards a photo, Rakesh said, “She is the daughter of the only son of my grandfather.” How is the girl related to Rakesh?

एक फोटो की ओर देखते हुए राकेश ने कहा, “वह मेरी दादा की एकमात्र पुत्री है। लड़की का संबंध राकेश से क्या है?

Options:
1) Sister
2) Daughter
3) Grand Daughter
4) Cousin

Correct Answer: Sister

Candidate Answer: Sister

Question 11. A is mother of B, C is son of A, D is brother of E, E is daughter of B. Who is the grandmother of E?

यदि A, B की माँ है, C अ का पुत्र है, D E का भाई है, E B की पुत्री है, तो E की दादी/नानी कौन है?

Options:
1) A
2) B
3) C
4) D

Correct Answer: A

Candidate Answer: A
Question 12. From the given alternative words, select the word which cannot be formed using the letters of the given word:

निम्नलिखित शब्दों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके नहीं बनाया जा सकता:

COURAGEOUS

Options:
1) COURSE
2) GRACE
3) SECURE
4) ARGUE

Correct Answer: SECURE
Candidate Answer: SECURE

Question 13. If THEN is written as RLBS, then how may CASE be written in that code?

यदि 'THEN' को किसी कोड में 'RLBS' लिखा जाता है, तो 'CASE' को उसी कोड में कैसा लिखा जाएगा?

Options:
1) AEPJ
2) APEP
3) EPAP
4) PAEJ

Correct Answer: AEPJ
Candidate Answer: AEPJ

Question 14. If '*' means subtraction ; '-' means division ; 'n' means addition and '%' means multiplication, then find the value of: 13 ÷ 3 * 6 % 8 - 4 = ?

यदि * का मतलब घटाना हो, - का मतलब विभाजन करने हो, + का मतलब जोड़ना हो और % का मतलब गुणा हो तो: 13 ÷ 3 * 6 % 8 - 4 = ?

Options:
1) 18
2) 14
3) 12
4) 8

Correct Answer: 18
Candidate Answer: 18

Question 15. Some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis.

If 3*2*8*4 = 632,
2*4*4*4 = 816
then 3*3*5*1 = ?

कुछ समीकरणों को कुछ प्रणालियों के आधार पर हल निकाला गया है। उसी सिद्धांत के आधार पर उस समीकरण का सही हल निकाला गया है?

यदि
3 * 2 * 8 * 4 = 632,
2 * 4 * 4 * 4 = 816 हो,
tो 3 * 3 * 5 * 1 = ?

Options:
1) 95
2) 45
3) 315
4) 184

Correct Answer: 95
Candidate Answer: 95
Question 16. Find the missing numbers from the given alternatives.

| 86 | 480 | 38 |
| 72 | 510 | 21 |
| 36 |    | 12 |

Options:
1) 120
2) 360
3) 100
4) 240
Correct Answer: 240
Candidate Answer: [ NOT ANSWERED ]

Question 17. Rema walked 10 kms south and turned right and walked 5 kms. Then again she turned right and walked 10 kms. Then she turned left and walked 10 kms. How many kms will Rema have to walk to reach the starting point?

सम 10 कि.मी. दक्षिण में दौड़ी और तब दाईं ओर छूटकर 5 कि.मी. चली, फिर बाये मुड़ी और 10 कि.मी. चली। जिस बिंदु से उसने चलना आरम्भ किया था, उस तक पहुँचने के लिए रेमा को कितने किलोमीटर चलना पड़ेगा?

Options:
1) 25 km
2) 20 km
3) 5 km
4) 15 km
Correct Answer: 15 km
Candidate Answer: 15 km

Question 18. One statement is given followed by two conclusions/assumptions, I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions/assumptions can definitely be drawn from the given statement. Indicate your answer.

Statement:
All Hindus are God fearing. No Japanese is a Hindu

Conclusions:
I. The Japanese are not God fearing.
II. All God fearing are Hindus.

इस उत्तर में एक वकालत दिया गया है जिसके अनुसार तो निष्कर्ष 1 और II निकलते गये है। आपको विचार करना है कि वकालत सत्य है या यह सत्य नहीं है।

Options:
1) Only conclusion I follows
2) Only conclusion II follows
3) Both conclusion I and conclusion II follow
4) Neither conclusion I nor conclusion II follows
Correct Answer: Neither conclusion I nor conclusion II follows
Candidate Answer: Neither conclusion I nor conclusion II follows
Question 19. Find the number of triangles in the figure.

आकृति में त्रिभुजों की संख्या बताओ?

Options:
1) 8
2) 9
3) 11
4) 13
Correct Answer: 13
Candidate Answer: 11

Question 20. Study the following Venn Diagram and find the region representing persons who are educated and employed but not confirmed.

निम्नलिखित वैन आरेख का अध्ययन कीजिए, और वह क्षेत्र ज्ञात करें जो उन व्यक्तियों को दर्शाता हैं जो शिक्षित हो नौकरी में हो किन्तु प्रक्रिया नौकरी में ना हो?

Options:
1) a, c
2) a, b, c
3) b, d
4) a, d, c
Correct Answer: b, d
Candidate Answer: b, d

Question 21. Which answer figure will complete the pattern in the question figure?

कौन सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?

http://thepracticetest.in/challengesystem/response_questions.php?_id=MDY6&appid=1a4ff78943b24af40c79decc0f9bb87 6/29
Options:

1)

2)

3)

4)

Correct Answer:

Candidate Answer:
Question 22. From the given answer figures, select the one in which the question figure is hidden/embedded [ ]

Option 1)

Option 2)

Option 3)

Option 4)

Correct Answer:

Candidate Answer:
Question 23. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

यदि किसी कपड़े को, नीचे प्रकृतियों में दिखाए अनुसार मोड़कर काटा जाए तो खोलने पर वह किस उत्तर आकृति जैसा दिखाई देगा?

Options:

1) 

2) 

3) 

4) 

Correct Answer:

Candidate Answer:
Question 24. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

इस प्रश्न में यदि एक दर्शावण की MN रेखा पर रखा जाये तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति का सही प्रतिक्रिया होगी?

Options:
1) 

2) 

3) 

4) 

Correct Answer:
Question 25. In this question, the sets of numbers given in the alternatives are represented. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'O' can be represented by 03, 14, etc., and 'K' can be represented by 56, 65, etc. Similarly you have to identify the set for the word ‘EASE’

एक शब्द चूक कर एक संख्या-समूह द्वारा दर्शाया गया है, जैसे कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या समूह अक्षरों के को को द्वारा दर्शाए गए हैं, जैसे कि नीचे दिए गए दो अक्षरों में हैं। अक्षरांतर से एक अक्षर को पहले उसकी पंक्ति और बाद में समान सूक्ष्म द्वारा दर्शाया जा सकता है। उदाहरण के लिए ‘O’ की 03, 14 आदि द्वारा दर्शाया जा सकता है तथा ‘K’ की 56, 65 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपकी दिए हुए शब्द 'EASE' के लिए समूह की पहचान करें।

<table>
<thead>
<tr>
<th>MATRIX I</th>
<th>MATRIX II</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 E S U O H</td>
<td>5 E K A N S</td>
</tr>
<tr>
<td>1 S U H E O</td>
<td>6 K A S E N</td>
</tr>
<tr>
<td>2 O H E S U</td>
<td>7 N S E K A</td>
</tr>
<tr>
<td>3 U E O H S</td>
<td>8 A E N S K</td>
</tr>
<tr>
<td>4 H O U S E</td>
<td>9 S N K A E</td>
</tr>
</tbody>
</table>

Options:
1) 55, 85, 44, 42  
2) 77, 85, 88, 44  
3) 77, 66, 31, 44  
4) 00, 98, 23, 98

Correct Answer: 77, 85, 88, 44

Candidate Answer: 77, 85, 88, 44

Question 26. The rate at which RBI gives short term loan to commercial banks is called

भारतीय रिपोर्ट बैंक वाणिज्यिक बैंकों की जिस दर पर अत्यधिक मालिक जरी देता है, उसे क्या कहते हैं?

Options:
1) Repo rate  
2) Reverse Repo rate  
3) Bank rate  
4) Cash Reserve rate  

Correct Answer: Repo rate

Candidate Answer: Bank rate

Question 27. The nationalisation of major commercial banks took place in

बड़े वाणिज्यिक बैंकों का राष्ट्रीयकरण कब हुआ?

Options:
1) 1947  
2) 1956  
3) 1969  
4) 1980

Correct Answer: 1969

Candidate Answer: 1956

Question 28. Lok Sabha Secretariat comes under the direct control of

लोकसभा सचिवालय लोकसभा लेखात्मक व ध्वनि विभाग के अंतर्गत आता है?

http://thepracticetest.in/challengesystem/response_questions.php?l_id=MDY=&appid=a14f878943b24a40c79deccf09bb87 11/29
Options:
1) Ministry of Home Affairs
2) Ministry of Parliamentary Affairs
3) Speaker of Lok Sabha
4) President

Correct Answer: Speaker of Lok Sabha

Candidate Answer: [ NOT ANSWERED ]

Question 29. Which of the following Act introduced separate electorates (communal representation) for Muslims?

निम्नलिखित में से किस एक ने मुसलमानों के लिए अलग मतदाताओं (समुदायिक प्रतिरूप) की पेशकश की?

Options:
1) 1892 Act
2) Act of 1909
3) Reforms of 1919
4) Government of India Act of 1935

Correct Answer: Act of 1909

Candidate Answer: [ NOT ANSWERED ]

Question 30. Where is the Brihadeshwar temple, built during the Chola period, located?

चोलों के समय का 'ब्रह्मदेव मंदिर' कहां स्थित है?

Options:
1) Mysore
2) Mahabalipuram
3) Tanjavur
4) Kanyakumari

Correct Answer: Tanjavur

Candidate Answer: Mahabalipuram

Question 31. The first protocol to ban the emissions of chlorofluorocarbons in the atmosphere was made in

बादामण में कॉलेज-प्लेटफॉर्म उल्लंघन पर प्रतिबंध हस्ताक्षर संबंधी प्रथम प्रोटोकॉल कहाँ किया गया था?

Options:
1) Montreal
2) Osaka
3) Geneva
4) Florida

Correct Answer: Montreal

Candidate Answer: [ NOT ANSWERED ]

Question 32. Blood group was discovered by

रक्त रूपांतर (ब्लड-टाइप) की खोज किसने की थी?

http://thepracticetest.in/challengesystem/response_questions.php?i_id=MDY=&appid=1a4ff78943b24af40c79deccf09bb87 12/29
Options:
1) Alexander Fleming
2) William Harvey
3) Landsteiner
4) Pavlov

Correct Answer: Landsteiner

Candidate Answer: Landsteiner

Question 33. Magnetic Meridian is a

Correct Answer: Plane passing through the magnetic north and magnetic south of Earth

Candidate Answer: Plane passing through the magnetic north and magnetic south of Earth

Question 34. Programs that duplicate the functionality of one system on another system is known as

Correct Answer: Emulators

Candidate Answer: Simulators

Question 35. The manufacturing of iron from iron-ore involves the process of

Correct Answer: Reduction

Candidate Answer: Electrolysis

Question 36. In a rainforest, the vegetation that grows under the shade of a canopy is known as

Correct Answer: [ NOT ANSWERED ]
Question 37. The term "roll-in" is used in

“रोल-इन” शब्द किसमे प्रयुक्त होता है ?

Options:
1) Cricket क्रिकेट
2) Tennis टेनिस
3) Hockey हॉकी
4) Golf गोल्फ

Correct Answer: Hockey हॉकी
Candidate Answer: [ NOT ANSWERED ]

Question 38. Which of the following is the busiest International sea port in India?

निम्नलिखित विकल्पों में से भारत का सबसे व्यस्त अंतर्राष्ट्रीय बंदरगाह कौन-सा है?

Options:
1) Mumbai मुंबई
2) Kolkata कolkata
3) Kochi कोची
4) Tuticorin तूनकोरिन

Correct Answer: Mumbai मुंबई
Candidate Answer: Kochi कोची

Question 39. The word "Secular" was added to the Preamble of the Constitution of India by which Constitutional Amendment?

भारत में संविधान की उद्धिष्ठका में ‘प्रभावितवेत्र’ शब्द कौन से संविधान संशोधन द्वारा जोड़ा गया?

Options:
1) 41st Constitutional Amendment 41वां संविधान संशोधन
2) 42nd Constitutional Amendment 42वां संविधान संशोधन
3) 43rd Constitutional Amendment 43वां संविधान संशोधन
4) 44th Constitutional Amendment 44वां संविधान संशोधन

Correct Answer: 42nd Constitutional Amendment 42वां संविधान संशोधन
Candidate Answer: 42nd Constitutional Amendment 42वां संविधान संशोधन

Question 40. Who coined the slogan “Inquilab Zindabad”?

"इंक़लाब जिन्दाबाद" का नास किसने किया?

Candidate Answer: [ NOT ANSWERED ]
Options:
1) Subhash Chandra Bose
2) Balagangadhar Tilak
3) Bhagat Singh
4) Sukhdev

Correct Answer: Bhagat Singh

Candidate Answer: Sukhdev

Question 41. “Great Barrier Reef”, the world’s largest Coral reef is located in

विश्व की सबसे बड़ी कोरल रीफ ‘ग्रेट बारिशर रीफ’ कहाँ स्थित है?

Options:
1) Caribbean Islands
2) Australia
3) Philippines
4) Indonesia

Correct Answer: Australia

Candidate Answer: Indonesia

Question 42. Decoding and interpretation of visual information in brain is associated with

मस्तिष्क में दर्शन-सुनना के विकसित और व्यवस्था का सम्बन्ध किससे हिस्सा है?

Options:
1) Frontal lobe
2) Occipital lobe
3) Temporal lobe
4) Parietal lobe

Correct Answer: Temporal lobe

Candidate Answer: [ NOT ANSWERED ]

Question 43. Fleming’s “Left hand Rule” is associated with the effect of

फ्लेमिंग का ‘लेफ्ट हैंड नियम’ किससे संबंधित है?

Options:
1) Electric field on current
2) Magnetic field on magnet
3) Electric field on magnet
4) Magnetic Field on current

Correct Answer: Magnetic Field on current

Candidate Answer: Electric field on current

Question 44. An emulsion is a colloidal solution of

एक थोल फिल्म का कोल्लोइडल विलयन होता है?

Options:
Options:
1. Liquid in liquid
2. Solid in liquid
3. Gas in solid
4. Solid in Solid

Correct Answer: Liquid in liquid

Candidate Answer: Solid in liquid

Question 45._________ is a byproduct of sewage treatment and can be decomposed to produce bio-gas?

निम्नलिखित में से क्या मलाश्र-उपचार का उत्पन्न है जिसे बायोगैस बनाने के लिए उसे अपघातित किया जाता है?

Options:
1. Sewage
2. Sludge
3. Sewer
4. Scum

Correct Answer: Sludge

Candidate Answer: [ NOT ANSWERED ]

Question 46. The BRICS New Development Bank (NDB) is headquartered at

ब्रिक्स न्यू डेवलपमेंट बैंक (एन.डी.बी) का मुख्यालय कहाँ है?

Options:
1. Shanghai
2. New Delhi
3. Brasilia
4. Moscow

Correct Answer: Brasilia

Candidate Answer: Moscow

Question 47. Which one of the following cities of Iraq is located on Tigris river?

निम्नलिखित में से कौन-सा ईराकी शहर टिग्रिस नदी के किनारे बसा हुआ है?

Options:
1. Baghdad
2. Mousul
3. Kirkuk
4. Basra

Correct Answer: Baghdad

Candidate Answer: [ NOT ANSWERED ]

Question 48. Human Development Index is prepared by

मानव विकास ग्रुपक कौन तैयार करता है?
Question 49. Uber Cup is associated with

Options:
1) Football
2) Handball
3) Badminton
4) Squash

Correct Answer: Badminton
Candidate Answer: [ NOT ANSWERED ]

Question 50. The food in Onion is stored in the form of ______

Options:
1) Cellulose
2) Protein
3) Starch
4) Sugar

Correct Answer: Cellulose
Candidate Answer: [ NOT ANSWERED ]

Question 51. If 4/5th of a number exceeds its 3/4th by 8, then the number is:

Options:
1) 130
2) 120
3) 160
4) 150

Correct Answer: 160
Candidate Answer: 160

Question 52. The rate of discount being given on a shirt, where selling price is Rs. 546 after deducting a discount of Rs. 109 on its marked price, is

Options:
1) 14%
2) 18%
3) 15%
4) 16%

Correct Answer: 16%
Candidate Answer: 15%
Question 53. If the ratio of two numbers is 1:5 and their product is 320, then the difference between the squares of these two numbers is

यदि दो संख्याओं का अनुपात 1:5 हो और उनका गुणनफल 320 हो, तो इन दो संख्याओं के वर्ग के बीच अंतर कितना होगा?

Options:
1) 1024
2) 1256
3) 1536
4) 1435
Correct Answer: 1536
Candidate Answer: 1536

Question 54. Numbers of boys and girls are *x* and *y* respectively; ages of a girl and a boy are 'a' years and 'b' years respectively. The average age (in years) of all boys and girls.

लड़की एवं लड़कियों की संख्या क्रमशः 'x' और 'y' है। एक लड़की की आयु 'a' वर्ष और एक लड़के की आयु 'b' वर्ष है। सभी लड़की और लड़कियों की औसत आयु कितनी (वर्षों में) है?

Options:
1) \[
\frac{x+y}{bx+ay}
\]
2) \[
\frac{bx+ay}{x+y}
\]
3) \[
\frac{ax+by}{x+y}
\]
4) \[
\frac{x+y}{ax+by}
\]
Correct Answer: \[
\frac{x+y}{bx+ay}
\]
Candidate Answer: \[
\frac{bx+ay}{x+y}
\]

Question 55. A man bought 30 defective machines for Rs. 1000. He repaired and sold them @ Rs. 300 per machine. He got profit of Rs. 150 per machine. How much did he spend on repairs? (in Rupees)

एक व्यक्ति ने 30 मशीनें 1000 रु. में खरीदी। उसने उनकी मरम्मत कर उन्हें 300 रु. में सेल किया। उसे 150 रु. में मशीन बेच दी। उसने मरम्मत पर कितने रुपये खर्च किए?

Options:
1) 5500
2) 4500
3) 3500
4) 2500
Correct Answer: 3500
Candidate Answer: 4500

Question 56. x is 5 times longer than y. The percentage by which y in less than x is:

\[\text{x is 5 times longer than y. y is less than x by what percentage?}\]

Options:
1) 50%
2) 40%
3) 80%
4) 70%
Correct Answer: 80%
Candidate Answer: 80%

http://thepracticetest.in/challengesystem/response_questions.php?i_id=MDYz=&app_id=1a4ff78943b24af40c79decc0f9b87
Question 57. A motor cycle gives an average of 45 km per litre. If the cost of petrol is Rs. 20/litre. The amount required to complete a journey of 540 km is, (in Rupees)

एक मोटर साइकिल 45 कि.मी./लीटर का औसत देती है। यदि पेट्रोल की कीमत Rs. 20 प्रति लीटर है, तो 540 कि.मी. की यात्रा पूरी करने में कितनी राशि की (रू. में) आवश्यकता होगी?

Options:
1) 120
2) 360
3) 200
4) 240

Correct Answer: 240
Candidate Answer: 120

Question 58. A sum of money amounts to Rs. 6655 at the rate of 10% compounded annually for 3 years. The sum of money is

कोई धनराशि 10% चक्रवृद्धि बार्षिक दर पर 3 वर्ष में Rs. 6655 हो जाती है। धनराशि कितनी है?

Options:
1) Rs.5000
2) Rs 5500
3) Rs.6000
4) Rs.6100

Correct Answer: Rs.5000
Candidate Answer: Rs.5000

Question 59.

If $x^2 - 4x + 1 = 0$, then the value of $\frac{x^6 + 1}{x^3}$ is

यदि $x^2 - 4x + 1 = 0$ तो $\left(\frac{x^6 + 1}{x^3}\right)$ का मान बताइए।

Options:
1) 48
2) 52
3) 55
4) 58

Correct Answer: 52
Candidate Answer: [ NOT ANSWERED ]

Question 60.

If $(a-2) + \frac{1}{(a+2)} = -1$ then the value of $(a+2)^2 + \frac{1}{(a+2)^2}$ is

यदि $(a-2) + \frac{1}{(a+2)} = -1$, तो $(a+2)^2 + \frac{1}{(a+2)^2}$ का मान क्या होगा?

Options:
1) 7
2) 11
3) 23
4) 27

Correct Answer: 7
Candidate Answer: [ NOT ANSWERED ]
9/21/2016

Question 61.

If \[ \frac{x}{1 + \frac{13}{12}} = 13 \] then \( x \) equals to

यदि \[ \frac{x}{1 + \frac{13}{12}} = \frac{13}{12} \] तो \( x \) किसके बराबर होगा?

Options:
1) 25
2) 13
3) 27
4) 25

Correct Answer: 25
Candidate Answer: 25

Question 62. If \( O \) is the incentre of \( \triangle PQR \). If \( \angle POR = 115^\circ \), then value of \( \angle PQR \) is

यदि \( O \) \( \triangle PQR \) का केंद्र हो और \( \angle POR = 115^\circ \), तो \( \angle PQR \) का मान क्या है?

Options:
1) 40°
2) 65°
3) 50°
4) 25°

Correct Answer: 50°
Candidate Answer: 50°

Question 63. The inradius of triangle is 4 cm and its area is 34 sq. cm. the perimeter of the triangle is

एक त्रिभुज की अंत : क्षेत्रफल 4 से.मी. है और उसका क्षेत्रफल 34 वर्ग से.मी. है। त्रिभुज का परिमाप क्या है?

Options:
1) 8.5 cm
2) 17 cm
3) 34 cm
4) 20 cm

Correct Answer: 17 cm
Candidate Answer: 17 cm

Question 64. If \( \tan \theta + \cot \theta = 2 \) then the value of \( \tan^2 \theta + \cot^2 \theta \) is

यदि \( \tan \theta + \cot \theta = 2 \) हो, तो \( \tan^2 \theta + \cot^2 \theta \) का मान क्या होगा?

Options:
1) \( 2^0 \)
2) \( 2^1 \)
3) \( \frac{1}{2^2} \)
4) 2

Correct Answer: 2
Candidate Answer: 2

Question 65. A certain number of men can do a piece of work in 60 days. If there were 6 men more, the work can be finished 20 days earlier. The number of men working is

कुछ व्यक्ति किमा को 60 दिन में कर सकते हैं। यदि 6 व्यक्ति और हो तो किमा 20 दिन पहले पूरा हो सकता है। कर्मचारियों की संख्या कितनी है?

http://thepracticetest.in/challengesystem/response_questions.php?i_id=MDY=#appid=1a4f78943b24a40c79deccf09bb87

20/29
Options:
1) 6
2) 12
3) 18
4) 24
Correct Answer: 12
Candidate Answer: 12

Question 66.
If \(a^2 = b + c, \ b^2 = c + a, \ c^2 = a + b,\)
then the value of
\[3\left(\frac{1}{a+1} + \frac{1}{b+1} + \frac{1}{c+1}\right)\]

यदि \(a^2 = b + c, b^2 = c + a, c^2 = a + b\) तो \(3\left(\frac{1}{a+1} + \frac{1}{b+1} + \frac{1}{c+1}\right)\) का मान क्या होगा?

Options:
1) 1
2) \(\frac{1}{3}\)
3) 3
4) 4
Correct Answer: 3
Candidate Answer: 3

Question 67. The area of a triangle ABC is 10.8 cm². If \(CP = PB\) and \(2AQ = QB\) then the area of the triangle APQ is

एक त्रिभुज ABC का क्षेत्रफल 10.8 से.मी.² है। यदि \(CP = PB\) और \(2AQ = QB\) हो, तो त्रिभुज APQ का क्षेत्रफल कितना है?

Options:
1) 3.6 cm²
3.6 से.मी.²
2) 0.9 cm²
0.9 से.मी.²
3) 2.7 cm²
2.7 से.मी.²
4) 1.8 cm²
1.8 से.मी.²
Correct Answer: 1.8 cm²
1.8 से.मी.²
Candidate Answer: [ NOT ANSWERED ]

Question 68. ABCD is a trapezium in which \(AD || BC\) and \(AB = DC = 10\) m, then the distance of \(AD\) from \(BC\) is

ABCD एक समलंब है जिसमें \(AD || BC\) और \(AB = DC = 10\) मी. हो, तो \(AD\) से \(BC\) की दूरी क्या है?

![Trapezium Diagram](image_url)

\(AB = 45^\circ\)
\(BC = 10\) m

http://thepracticetest.in/challengesystem/response_questions.php?_id=MDY=8appdid=1a4f78943b24af40c79decc0f9bb87
Options:
1) \(10\sqrt{2}\) m
2) \(10\sqrt{2}\) मी.
3) \(4\sqrt{2}\) m
4) \(4\sqrt{2}\) मी.
5) \(5\sqrt{2}\) m
6) \(5\sqrt{2}\) मी.

Correct Answer: \(5\sqrt{2}\) m

Candidate Answer: \(5\sqrt{2}\) मी.

Question 69. From the top of a building 60 metre high, the angle of depression of the top and bottom of a tower are observed to be 30° and 60°. The height of the tower in metre is

60 मी. ऊंची इमारत के शीर्ष से, एक टॉवर के शीर्ष एवं पाद के अंतरित कोण 30° और 60° दिखाई देते हैं। टॉवर की ऊंचाई (मीटर में) कितनी होगी?

Options:
1) 40
2) 45
3) 50
4) 55

Correct Answer: 40

Candidate Answer: 40

Question 70. If a circle of radius 12 cm is divided into two equal parts by one concentric circle, then radius of inner circle is

यदि 12 से.भी. वृत्त वाले वृत्त को एक सर्विक्षित वृत्त द्वारा दो बराबर भागों में विभाजित किया जाता है, तो आंतरिक वृत्त की त्रिज्या कितनी होगी?

Options:
1) 6 cm
2) 4 cm
3) 6√2 cm
4) 4√2 cm

Correct Answer: 6√2 cm

Candidate Answer: 6 cm

Question 71. If \(\cos x = \sin y\) and \(\cot(x - 40^\circ) = \tan(50^\circ - y)\), then the value of \(x\) and \(y\) are;

यदि \(\cos x = \sin y\) और \(\cot(x - 40^\circ) = \tan(50^\circ - y)\) हो, तो \(x\) और \(y\) का मान क्या होगा?
Options:
1) \( x = 70^\circ, y = 20^\circ \)
2) \( x = 75^\circ, y = 15^\circ \)
3) \( x = 85^\circ, y = 5^\circ \)
4) \( x = 80^\circ, y = 10^\circ \)
Correct Answer: \( x = 85^\circ, y = 5^\circ \)
Candidate Answer: \( x = 85^\circ, y = 5^\circ \)

Question 72. The bar graph shows the number of males and females (in crores) in India during 1951-1991. Read the graph and answer the following questions:

दिए गए बार ग्राफ, भारत में वर्ष 1951-1991 के दौरान पुरुषों और महिलाओं की संख्या को चित्रित करता है। ग्राफ का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दीजिए।

What was the approximate percentage of female population in India during 1991?

भारत में 1991 के दौरान महिला आबादी का अनुमानित प्रतिशत क्या था?

Options:
1) 48.23
2) 48.02
3) 48.03
4) 48.33
Correct Answer: 48.23
Candidate Answer: 48.02

Question 73. The bar graph shows the number of males and females (in crores) in India during 1951-1991. Read the graph and answer the following questions:

दिए गए बार ग्राफ, भारत में वर्ष 1951-1991 के दौरान पुरुषों और महिलाओं की संख्या को चित्रित करता है। ग्राफ का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दीजिए।

What was the approximate number of males in India in 1971 per thousands females?

भारत में 1971 में प्रति हजार महिला पर पुरुषों की अनुमानित संख्या कितनी थी?
Options:
1) 913
2) 1075
3) 1077
4) 1175
Correct Answer: 1077
Candidate Answer: [ NOT ANSWERED ]

Question 74: The bar graph shows the number of males and females (in crores) in India during 1951-1991. Read the graph and answer the following questions.

What is the ratio of the numbers of females in India in 1961 per thousand males to the number of males in India in 1991 per thousand females?

Options:
1) 943:1077
2) 1077:943
3) 1073:913
4) 913:1073
Correct Answer: 913:1073
Candidate Answer: [ NOT ANSWERED ]

Question 75: The bar graph shows the number of males and females (in crores) in India during 1951-1991. Read the graph and answer the following questions.

Assuming that the rate of increase in the total population in India during 1991-2001 remains the same as that was during the period 1981-1991, estimate the total population in India in 2001.

This statement assumes that the population growth rate in India in 1991-2001 is the same as in 1981-1991.
Options:
1) 105.62 crores
2) 106.25 crores
3) 106.52 crores
4) 105.26 crores
Correct Answer: 106.25 crores
Candidate Answer: [ NOT ANSWERED ]

Question 76. In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

NEGOTIATION
Options:
1) IN-BETWEEN
2) CARELESSNESS
3) BARGAINING
4) SLACKNESS
Correct Answer: BARGAINING
Candidate Answer: SLACKNESS

Question 77. In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it.

IMPROPTU
Options:
1) PUNCTUAL
2) PROMPT
3) PREPARED
4) PROFOUND
Correct Answer: PREPARED
Candidate Answer: PREPARED

Question 78. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.

Options:
1) Bureaucracy
2) Beureaucracy
3) Beureaucracy
4) Bureacrcie
Correct Answer: Bureaucracy
Candidate Answer: Bureaucracy

Question 79. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

He told his friend (A) / that he could not do that work (B) / because it is not to his taste (C) / No Error (D)
Options:
1) A
2) B
3) C
4) D
Correct Answer: C
Candidate Answer: C

Question 80. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

The tragedy of Julius Caesar (A) / was written by William Shakespeare (B) / about 1599 (C) / No Error (D)
Options:
1) A
2) B
3) C
4) D
Correct Answer: C
Candidate Answer: A
Question 81. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

The writer is (A) / evidently enamoured at (B) / the subject (C) / No Error (D)

Options:
1) A
2) B
3) C
4) D

Correct Answer: B
Candidate Answer: B

Question 82. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Nothing is impossible _____ him.

Options:
1) in
2) about
3) for
4) on

Correct Answer: for
Candidate Answer: for

Question 83. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

My relations _____ him are not friendly.

Options:
1) between
2) with
3) to
4) for

Correct Answer: with
Candidate Answer: with

Question 84. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

George _____ to this country a year ago.

Options:
1) was coming
2) came
3) is coming
4) comes

Correct Answer: came
Candidate Answer: came

Question 85. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Blow one's trumpet

Options:
1) To praise another
2) To praise a leader
3) To praise oneself
4) To praise a community

Correct Answer: To praise oneself
Candidate Answer: To praise oneself

Question 86. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Stick to his guns

Options:
1) Stand by his truth
2) Maintain his own opinion
3) Maintain his weapons
4) Maintain his anger

Correct Answer: Maintain his own opinion
Candidate Answer: Maintain his own opinion
Question 87. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

At sea

Options:
1) Journey
2) At a loss
3) Surprise
4) Sad

Correct Answer: At a loss
Candidate Answer: Sad

Question 88. Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

One who is eighty years old

Options:
1) Septagenarian
2) Sextagenarian
3) Nonagenarian
4) Octogenarian

Correct Answer: Octogenarian
Candidate Answer: Octogenarian

Question 89. Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

A shady fertile place in the desert

Options:
1) Oasis
2) Motel
3) Orchard
4) Garden

Correct Answer: Oasis
Candidate Answer: Oasis

Question 90. Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

A place where bees are kept

Options:
1) Apiary
2) Nursery
3) Aviary
4) Kennel

Correct Answer: Apiary
Candidate Answer: Apiary

Question 91. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to “No improvement”.

Seeing may be believing but understanding are definitely knowing.

Options:
1) understanding could be knowing
2) understanding to know
3) understanding is definitely knowing
4) No improvement

Correct Answer: understanding is definitely knowing
Candidate Answer: understanding to know

Question 92. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to “No improvement”.

There are some bacteria that are survive inside nuclear power stations.

Options:
1) have
2) were
3) can
4) No improvement

Correct Answer: can
Candidate Answer: can
Question 93. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

No sooner did she finish the lecture, that the students began to leave.

Options:
1) then the students began to leave
2) than the students began to leave
3) and the students began to leave
4) No improvement
Correct Answer: than the students began to leave
Candidate Answer: than the students began to leave

Question 94. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

Hundreds gathered to await the boxer's arrival at the airport.

Options:
1) to await for
2) to awaits for
3) to wait
4) No improvement
Correct Answer: No improvement
Candidate Answer: to awaits for

Question 95. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

The dissidents hold a great problem in every political party.

Options:
1) cause
2) instill
3) incite
4) No improvement
Correct Answer: cause
Candidate Answer: cause

Question 96. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

Stockholm is spread out on an archipelago of 14 islands, where Lake Malaren meets the Baltic Sea. More airy than Venice, with wide-open spaces, it is one-third water. Its other two-thirds combine arched bridges, jet fountains, and palatial buildings trimmed with gold. For Stockholmers, fans of great outdoors, this is an amiable and graceful home and a healthy environment in which to live. Minutes from the city centre are parks and woodland for recreation, and clear water for swimming and fishing. In winter, everyone takes to ice-skating, on artificial rinks in the shadows of grand palaces, or on the frozen waters of the channel.

Stockholm is also a city at the leading edge of fashion, design and advanced technology. Fashion houses and IT companies use the city as a test market for their innovations, especially as Stockholmers are followers of technology. Stockholm is the capital as well as the largest city of Sweden. It is the site of the government and Parliament of the country.

An archipelago is a collection of ______.

Options:
1) cities
2) islands
3) lakes
4) coral-reefs
Correct Answer: islands
Candidate Answer: islands

Question 97. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

Stockholm is spread out on an archipelago of 14 islands, where Lake Malaren meets the Baltic Sea. More airy than Venice, with wide-open spaces, it is one-third water. Its other two-thirds combine arched bridges, jet fountains, and palatial buildings trimmed with gold. For Stockholmers, fans of great outdoors, this is an amiable and graceful home and a healthy environment in which to live. Minutes from the city centre are parks and woodland for recreation, and clear water for swimming and fishing. In winter, everyone takes to ice-skating, on artificial rinks in the shadows of grand palaces, or on the frozen waters of the channel.

Stockholm is also a city at the leading edge of fashion, design and advanced technology. Fashion houses and IT companies use the city as a test market for their innovations, especially as Stockholmers are followers of technology. Stockholm is the capital as well as the largest city of Sweden. It is the site of the government and Parliament of the country.

Stockholm is
Question 98: A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

Stockholm is spread out on an archipelago of 14 islands, where Lake Malaren meets the Baltic Sea. More airy than Venice, with wide-open spaces, it is one-third water. Its other two-thirds combine arched bridges, jet fountains, and palatial buildings trimmed with gold. For Stockholmers, fans of great outdoors, this is an amiable and graceful home and a healthy environment in which to live. Minutes from the city centre are parks and woodland for recreation, and clear water for swimming and fishing. In winter, everyone takes to ice-skating, on artificial rinks in the shadows of grand palaces, or on the frozen waters of the channel.

Stockholm is also a city at the leading edge of fashion, design and advanced technology. Fashion houses and IT companies use the city as a test market for their innovations, especially as Stockholmers are followers of technology. Stockholm is the capital as well as the largest city of Sweden. It is the site of the government and Parliament of the country.

What is the opposite of the word 'amiable'?

Options:
1) Enervating
2) Refreshing
3) Invigorating
4) Unpleasant

Correct Answer: Unpleasant
Candidate Answer: Unpleasant

Question 99: A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

Stockholm is spread out on an archipelago of 14 islands, where Lake Malaren meets the Baltic Sea. More airy than Venice, with wide-open spaces, it is one-third water. Its other two-thirds combine arched bridges, jet fountains, and palatial buildings trimmed with gold. For Stockholmers, fans of great outdoors, this is an amiable and graceful home and a healthy environment in which to live. Minutes from the city centre are parks and woodland for recreation, and clear water for swimming and fishing. In winter, everyone takes to ice-skating, on artificial rinks in the shadows of grand palaces, or on the frozen waters of the channel.

Stockholm is also a city at the leading edge of fashion, design and advanced technology. Fashion houses and IT companies use the city as a test market for their innovations, especially as Stockholmers are followers of technology. Stockholm is the capital as well as the largest city of Sweden. It is the site of the government and Parliament of the country.

Why is Stockholm used as a test market for innovation by IT companies and Fashion houses?

Options:
1) The Stockholmers are followers of technology.
2) Stockholm is the largest city of Sweden.
3) The citizens are fashionable.
4) The people like the outdoors.

Correct Answer: The Stockholmers are followers of technology.
Candidate Answer: The Stockholmers are followers of technology.

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Stockholm is important to the country because ______.

Options:
1) it has palatial buildings.
2) there are parks and woodlands for recreation.
3) there are artificial skating rinks.
4) it is the largest city and capital of Sweden.

Correct Answer: it is the largest city and capital of Sweden.
Candidate Answer: it is the largest city and capital of Sweden.