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

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनें।

Dark:Light :: Noise:?

Options:
1) Music
2) Quiet
3) Melody
4) Vacuum

Correct Answer: Quiet

Candidate Answer: Quiet

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

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनें।

BECD:GJHI :: LOMN:? 

Options:
1) PSRQ
2) PQRS
3) QTSR
4) QTRS

Correct Answer: QTRS

Candidate Answer: QTRS

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

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनें।

27:125 :: 64:?

Options:
1) 162
2) 216
3) 273
4) 514

Correct Answer: 216

Candidate Answer: 216
For the following questions

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

निर्दिष्ट प्रश्न में दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या प्रयोग को चुनिए?

Options:
1) Meter मीटर
d) Kilometre किलोमीटर
d) Decimetre डेसीमीटर
e) Ammeter ऐमीटर

Correct Answer: Ammeter ऐमीटर

Candidate Answer: Ammeter ऐमीटर

Question 5.

For the following questions

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

निर्दिष्ट प्रश्न में दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या प्रयोग को चुनिए?

Options:
1) HP
2) CJ
3) FN
4) RZ

Correct Answer: CJ

Candidate Answer: HP

Question 6.

For the following questions

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

निर्दिष्ट प्रश्न में दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या प्रयोग को चुनिए?

Options:
1) 52-61
2) 72-81
3) 54-63
4) 33-41

Correct Answer: 33-41

Candidate Answer: 33-41
Question 7. Arrange the following words as per their order in the dictionary:

िनिलखत शब्दों को शब्दकोष में दिए गए क्रम के अनुसार लिखिए?

1) PHYSICAL
2) PHYSICS
3) PHYSIOLOGY
4) PHYSICIAN
5) PHONE

Options:
1) 5,1,4,2,3
2) 5,1,2,3,4
3) 1,4,5,2,3
4) 1,5,4,3,2
Correct Answer: 5,1,4,2,3
Candidate Answer: 5,1,4,2,3

Question 8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series:

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

BXM, EUP, HRS, ?

Options:
1) XZY
2) RPN
3) VTU
4) KOV

Correct Answer: KOV
Candidate Answer: KOV

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

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

68, 72, 65, 69, 62, 66, _?_

Options:
1) 59
2) 61
3) 68
4) 75

Correct Answer: 59
Candidate Answer: 59

Question 10. Mohan said 'This girl is the wife of grand-son of my mother'. How is Mohan related to that girl?

मोहन ने कहा "यह लड़की मेरी माँ के पोते की पत्नी है।" मोहन का उस लड़की से संबंध बताइए?

Options:
1) Grand-father दादा/नाना
2) Husband पति
3) Father बिपता
4) Father-in-law ससुर

Correct Answer: Father-in-law ससुर
Candidate Answer: Father-in-law ससुर
11. Of the six members of a panel sitting in a row, A is to the right of C, but left of B. E is sitting left of C and right of D, who is sitting to the right of F. Find the members sitting at the two ends of the row.

Options:
1) D.F
2) A.B
3) D.B
4) F.B
Correct Answer: F.B
Candidate Answer: D.F

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

LEGIBILITY

Options:
1) BILL
2) ABILITY
3) BIG
4) LEG
Correct Answer: ABILITY
Candidate Answer: ABILITY

13. If REDUCE = 56, RECYCLE = 71 then REUSE =?

Options:
1) 65
2) 68
3) 69
4) 70
Correct Answer: 68
Candidate Answer: 65

14. If ‘+’ means ‘divided by’, ‘-’ means ‘multiplied by’, ‘x’ means ‘minus’ and ‘÷’ means ‘plus’, which of the following will be the value of the expression:

16 ÷ 8 - 4 + 2 x 4 = ?

Options:
1) 16
2) 28
3) 32
4) 44
Correct Answer: 28
Candidate Answer: 28

15. Some equations have been solved on the basis of a certain pattern. Find the correct answer for the unsolved equation on that basis:

2*3*5 = 523
6*4*1 = 164
8*2*4 = 482,
then 6*8*2 =?

यदि 2 x 3 x 5 = 523
6 x 4 x 1 = 164
8 x 2 x 4 = 482 है,
tब 6 x 8 x 2 = ?

Correct Answer: 652
Candidate Answer: 652
Question 16. Select the missing number from the given responses:

<table>
<thead>
<tr>
<th>5</th>
<th>5</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>12</td>
<td>?</td>
</tr>
<tr>
<td>240</td>
<td>480</td>
<td>450</td>
</tr>
</tbody>
</table>

Options:
1) 15
2) 12
3) 8
4) 5
Correct Answer: 5
Candidate Answer: 5

Question 17. From her house Rimi went 20 km to the north. Then she turned west and covered 15 km. Then she turned south and covered 10 Km. Finally turning to east, she covered 15 km. In which direction is she from her house?

रीमी अपने घर से उर की ओर 20 कि.मी. चली फिर वह पश्चिम की ओर मुड़ी और 15 कि.मी. चली। तत्पश्चात वह दक्षिण की ओर मुड़ी और 10 कि.मी. चली। अंततः पूर्व की ओर मुड़ते हुए वह 15 कि.मी. चली। अब वह अपने घर से किस दिशा में है?

Options:
1) East पूर्व
2) West पश्चिम
3) North उत्तर
4) South दक्षिण
Correct Answer: North उत्तर
Candidate Answer: North उत्तर

Question 18. Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

**Statements:**
Some cars are buses.
All cars are caves.

**Conclusion:**
I. Some caves are not buses
II. Some caves are buses
III. No cave is a bus
IV. Some caves are cars

निम्नलिखित प्रश्न में एक या दो वक्तव्य दिये गये हैं, जिसके अन्तर्गत निक्षेप/मान्यताएं, I, II, III और IV निकाले गये हैं। आपको विचार करना है कि वक्तव्य सत्य है या वह सामान्यतः झार तथ्यों से भिन्न प्रश्न होता है। आपकी निर्णयकरण करना है कि दिए गए वक्तव्य में से कौन-सा निक्षेप रूप से सही निक्षेप/मान्यता निकाला जा सकता है?

**वक्तव्य:**
1. कुछ कारें बसें हैं।
2. सभी गुफाएं गुप्ताएं हैं।
3. कुछ गुफाएं बसें हैं।
4. कोई गुफा गुप्ताएं नहीं है।

**निक्षेप:**
I. कुछ गुप्ताएं बसें हैं।
II. कुछ गुफाएं बसें हैं।
III. कोई गुफा गुप्ता नहीं है।
IV. कुछ गुप्ताएं बसें हैं।
Options:
1) Only I Conclusion follows  
केवल I निष्कर्ष सही है।
2) Only II conclusion follows 
केवल II निष्कर्ष सही है।
3) Only conclusions II and IV follows 
केवल II और IV निष्कर्ष सही हैं।
4) Only conclusion IV follows 
केवल IV निष्कर्ष सही है।

Correct Answer: Only conclusions II and IV follows 
केवल II और IV निष्कर्ष सही हैं।

Candidate Answer: Only conclusions II and IV follows 
केवल II और IV निष्कर्ष सही हैं।

Question 19.6 faces of the cube are painted with different colours as shown below. In figure 3, which colour is opposite to RED?

बर्तक के 6 फलकों की नीचे दिखाए अनुसार अलग-अलग रंगों से पटिकया गया है। आकृति 3 में लाल रंग के ठीक सामने कौन-सा रंग है?

![Cube Diagram](http://thepracticetest.in/challengesystem/response_questions.php?_id=MTA=&appid=1a4ff78943b24af40c79deccf09bb67)

Options:
1) Black  
2) Yellow  
3) Orange  
4) Pink

Correct Answer: Orange  
Candidate Answer: Orange

Question 20. Which of the following diagram represents the relationship among Tall men, Black haired, Indians?

निफ्लिक्वित में से कोन-सा आरेख, लम्बे आदमियों,काले बालों वाले आदमियों और भारतीयों के बीच संबंध दर्शाता है?

![Diagram](http://thepracticetest.in/challengesystem/response_questions.php?_id=MTA=&appid=1a4ff78943b24af40c79deccf09bb67)
Options:
1)  

2)  

3)  

4)  

Correct Answer:

Candidate Answer:
Question 21. Which answer figure will complete the figure in the question figure?

कौन-सी उत्तर आकृति प्रश्न आकृति के पूरा करेगी?

Options:

1) 

2) 

3) 

4) 

Correct Answer:
Question 22. Select the one in which the question figure is hidden/embedded:

दी गई उत्तर आकृतियों में से उत्तर आकृति को चुनिए जिसमें प्रश्न आकृति निहित है?

Options:

1)

2)

3)

4)
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 कागज को नीचे दिए प्रश्न में दिखाए अनुसार मोड़कर काटा जाए तो खोलने के बाद वह किस आकृति जैसा दिखाई देगा?

Options:
1) [Diagram]
2) [Diagram]
3) [Diagram]
4) [Diagram]
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?

निम्नलिखित प्रश्न में यदि एक सर्फ़र को MN रेखा पर रखा जाए तो दी गई उपर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिक्रिया होगी?

Correct Answer:

Candidate Answer:
Options:

1) [Diagram of a geometric shape]

2) [Diagram of a geometric shape]

3) [Diagram of a geometric shape]

4) [Diagram of a geometric shape]

Correct Answer: [Diagram of a geometric shape]

Candidate Answer: [Diagram of a geometric shape]
Question 25.

In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. 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., ‘B’ can be represented by 00, 13 etc., and ‘O’ can be represented by 56, 68 etc. Similarly, you have to identify the set for the word ‘TEAR’.

<table>
<thead>
<tr>
<th>Matrix I</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>A</td>
</tr>
<tr>
<td>1</td>
<td>D</td>
<td>E</td>
<td>A</td>
<td>B</td>
<td>C</td>
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</tr>
<tr>
<td>3</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>4</td>
<td>E</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Matrix II</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>R</td>
<td>O</td>
<td>N</td>
<td>T</td>
<td>U</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>T</td>
<td>U</td>
<td>R</td>
<td>O</td>
<td>N</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>O</td>
<td>N</td>
<td>T</td>
<td>U</td>
<td>R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>U</td>
<td>R</td>
<td>O</td>
<td>N</td>
<td>T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>N</td>
<td>T</td>
<td>U</td>
<td>R</td>
<td>O</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Options:
1) 58, 34, 21, 67
2) 96, 11, 26, 12
3) 65, 40, 23, 79
4) 77, 58, 21, 98
Correct Answer: 65, 40, 23, 79
Candidate Answer: 65, 40, 23, 79

Question 26.

Which of the following was not actively engaged in social and religious reforms in India?

Options:
1) Raja Ram Mohan Roy
2) Pandit Iswar Chandra Vidyasagar
3) Jotiba Phule
4) Bharatendu Harishchandra
Correct Answer: Bharatendu Harishchandra
Candidate Answer: Bharatendu Harishchandra

Question 27.

The main effect of Direct Taxes is on

Options:
1) Food prices
2) Consumer goods
3) Capital goods
4) Income
Correct Answer: Income
Candidate Answer: Consumer goods

Question 28.

Who has the power to prorogue the Lok Sabha?

Options:
1) Food prices
2) Consumer goods
3) Capital goods
4) Income
Correct Answer: Income
Candidate Answer: Consumer goods
Question 29. The first Europeans to come to India were

Bhartiyan aane wale pratham darseekh kahun the?

Options:
1) British
2) Dutch
3) French
4) Portugese

Correct Answer: Portugese

Candidate Answer: Portugese

Question 30. The term ‘Dumping’ refers to

Dampling (pataana) yah kiski ke liye prayaag kiya jata hai?

Options:
1) The sale of a sub-standard commodity
2) Sale in a foreign market of a commodity at a price below marginal cost
3) Sale in a foreign market of a commodity just at marginal cost with too much profit
4) Smuggling of goods without paying any customs duty

Correct Answer: Sale in a foreign market of a commodity at a price below marginal cost

Candidate Answer: Sale in a foreign market of a commodity at a price below marginal cost

Question 31. When does the sun shine vertically on the Equator?

Surya bhulagaya par aurcharik karp chumaka hai?

Options:
1) Throughout the year
2) For six months
3) Twice a year
4) Once a year

Correct Answer: Twice a year

Candidate Answer: Twice a year

Question 32. Lichen is an association between which of the two?

Lichen kinn do ke biy ka samandh hai?

Options:

Correct Answer: The Speaker

Candidate Answer: The Speaker
Options:
1) Algae and fungus
2) Algae and tree
3) Fungus and tree
4) Bacteria and legume plant
Correct Answer: Algae and fungus
Candidate Answer: Algae and tree

Question 33. Among the given nutrients, milk is a poor source of which of the following?

Options:
1) Vitamin 'C'
2) Calcium
3) Protein
4) Carbohydrate
Correct Answer: Vitamin 'C'
Candidate Answer: Calcium

Question 34. What is a Pepper plant?

Options:
1) Bush
2) Shrub
3) Vine
4) Tree
Correct Answer: Vine
Candidate Answer: Bush

Question 35. Why does a cannon recoil after firing?

Options:
1) Conservation of energy
2) Backward thrust of gases produced
3) Newton's third law of motion
Correct Answer: Newton's third law of motion
Candidate Answer: Newton's third law of motion

Question 36. Which of the following statement is true?

Options:
1) Conservation of energy
2) Backward thrust of gases produced
3) Newton's third law of motion
Correct Answer: Newton's third law of motion
Candidate Answer: Newton's third law of motion
**Options:**

1. A Primary key is also a candidate key
2. Each relation has at least one foreign key
3. Foreign keys can't have null values
4. A Primary key is also an alternate key

**Correct Answer:** A Primary key is also a candidate key

**Candidate Answer:** A Primary key is also a candidate key

---

**Question 37.** Which of the following is used as non-stick coating for cooking utensils?

**Options:**

1. Perspex
2. Styrofoam
3. Polystyrene
4. Teflon

**Correct Answer:** Teflon

**Candidate Answer:** Polystyrene

---

**Question 38.** “Tsunami” is the name given to which of the following?

“सुनामी” नाम किसे दिया गया है?

**Options:**

1. Earthquake
2. Cyclone
3. Tidal Waves
4. Undersea Waves

**Correct Answer:** Tidal Waves

**Candidate Answer:** Undersea Waves

---

**Question 39.** The first Indian citizen to get commercial Pilot’s Licence was

प्रथम भारतीय नागरिक, जिसे कमर्शियल पायलट लाइसेंस दिया गया, कौन था?

**Options:**

1. Vijaypat Singhania
2. J.R.D.Tata जे.आर.डी.टाटा
3. Captain Gopinath कप्तान गोपीनाथ
4. Vijay Mallya विजय माल्या

**Correct Answer:** J.R.D.Tata जे.आर.डी.टाटा

**Candidate Answer:** J.R.D.Tata जे.आर.डी.टाटा
Question 40. Which of the following is/are 'rain cloud'?

1. Cirrus
2. Nimbostratus
3. Cumulonimbus
4. Altocumulus

निम्बोश्रूषि में से कौन-कौन से बारिश के बादल हैं?

1. पश्चात मेघ
2. वर्षा सतह मेघ
3. कुमुलोनिमस
4. मध्य कार्लाइ मेघ

Options:
1) 1 and 2 only केवल 1 और 2
2) 2 and 3 only केवल 2 और 3
3) 3 and 4 only केवल 3 और 4
4) 1 and 4 only केवल 1 और 4

Correct Answer: 2 and 3 only केवल 2 और 3

Candidate Answer: 2 and 3 only केवल 2 और 3

Question 41. According to the Indian Constitution, who has the power to declare emergency?

भारतीय संविधान के अनुसार आपात स्थिति प्रोटेस्ट करने का अधिकार किसको है?

Options:
1) Prime Minister प्रधानमंत्री को
2) President राष्ट्रपति को
3) Chief Justice मुख्य न्यायमूर्ति
4) Parliament संसद को

Correct Answer: President राष्ट्रपति को

Candidate Answer: President राष्ट्रपति को

Question 42. Particulates (< 1 µm size) remaining suspended in air indefinitely and transported by wind currents are called

विविधां (< 1 µm आकार) जो अनिश्चित काल तक वायु में निलंबित रहती है और वायु प्रवाह द्वारा अन्तरित होती है, क्या कहलाती है?

Options:
1) Mists कुहासा
2) Fumes भाप
3) Aerosols ऐरोसॉल
4) Smoke धुआ

Correct Answer: Aerosols ऐरोसॉल

Candidate Answer: Aerosols ऐरोसॉल

Question 43. The least preferred technique in the disposal of Municipal Solid Waste is:

नगर पालिका द्वारा ठोस अपचित पदार्थ निपटाने की तकनीक जो सबसे कम पदबंद की जाती है:

http://thepracticetest.in/challengesystem/response_questions.php?_id=MTA=&appid=1a4ff78943b24af40c79deccf09bb67
Options:
1) Incineration
2) Composting
3) Land filling
4) Bricketting

Correct Answer: Bricketting

Candidate Answer: Bricketting

Question 44. A bomb explodes on the moon. You will hear its sound on earth after _________.

Options:
1) 20 minutes
2) 2 hrs 20 minutes
3) 3.7 hours
4) You cannot hear the sound of explosion

Correct Answer: You cannot hear the sound of explosion

Candidate Answer: You cannot hear the sound of explosion

Question 45. Which one of the following takes place during a nuclear fusion?

Options:
1) a heavy nucleus bombarded by neutrons breaks up
2) a heavy nucleus breaks up spontaneously
3) two light nuclei combine to form a heavy nucleus
4) a light nucleus breaks up spontaneously

Correct Answer: two light nuclei combine to form a heavy nucleus

Candidate Answer: a heavy nucleus bombarded by neutrons breaks up

Question 46. Arrange the following cities in an order from North to South

1) Bhubaneshwar
2) Chennai
3) Hyderabad
4) Cochin

niyuktichvat vahr na u char se shreshth ki diwas ke kram me likhaye ?

1) Bhubaneshwar
2) Chennai
3) Hyderabad
4) Cochin
Question 47. British achieved political power in India after which of the following?

Options:
1) Battle of Plassey
2) Battle of Panipat
3) Battle of Buxar
4) Battle of Wandiwash

Correct Answer: Battle of Plassey
Candidate Answer: Battle of Wandiwash

Question 48. The number of permanent members of the U.N. Security Council is

Options:
1) 5
2) 15
3) 10
4) 25

Correct Answer: 5
Candidate Answer: 10
Question 49. Match list (I) with list (II)

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<table>
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<tbody>
<tr>
<td>I</td>
<td>II</td>
</tr>
<tr>
<td>a. SARAS</td>
<td>i) battle tank</td>
</tr>
<tr>
<td>b. BHISHMA</td>
<td>ii) multipurpose civil aircraft</td>
</tr>
<tr>
<td>c. BRAHMos</td>
<td>iii) satellite</td>
</tr>
<tr>
<td>d. INSAT-3C</td>
<td>iv) missile</td>
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सूची (I) का सूची (II) से मिलान करें

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<tr>
<td>I</td>
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<tr>
<td>a. सारस</td>
<td>i) बैटल टैंक</td>
</tr>
<tr>
<td>b. भीष्म</td>
<td>ii) मल्टिपर्प्स सिकिल लवाई जहाज</td>
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<tr>
<td>c. ब्रह्मोस</td>
<td>iii) सेटलेसाइट</td>
</tr>
<tr>
<td>d. इसेट-असि</td>
<td>iv) मिसाइल</td>
</tr>
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</table>

Options:
1) a-i, b-ii, c-iii, d-iv
2) a-iii, b-ii, c-iv, d-i
3) a-iv, b-iii, c-i, d-ii
4) a-ii, b-i, c-iv, d-iii
Correct Answer: a-ii, b-i, c-iv, d-iii
Candidate Answer: a-ii, b-i, c-iv, d-iii

Question 50. "World Economic Outlook" report is published by which of the following?

वर्ल्ड इकोनोमिक ऑव्लुक रिपोर्ट किसके द्वारा प्रकाशित की जाती है?

Options:
1) IMF अंतरराष्ट्रीय मुद्रा कोष
2) World Bank विश्व बैंक
3) RBI भारतीय रिजर्व बैंक
4) UNCTAD यू.एन.सी.टी.डी.
Correct Answer: IMF अंतरराष्ट्रीय मुद्रा कोष
Candidate Answer: IMF अंतरराष्ट्रीय मुद्रा कोष

Question 51. The rate of working of A and B are in the ratio of 2:3. The number of days taken by them to finish the work is in the ratio:

A और B के काम करने की दर 2:3 के अनुपात में है। उनके द्वारा काम को पूरा करने में लिए गए दिनों का अनुपात क्या होगा?

Options:
1) 2:3
2) 4:9
3) 3:2
4) 9:4
Correct Answer: 3:2
Candidate Answer: 3:2

Question 52. The ratio of two positive numbers is 3:4. The sum of their squares is 400. What is the sum of the numbers?

दो पास्थक संख्याओं का अनुपात 3:4 है। उनके वर्गों का योग 400 है। संख्याओं का योग कितना है?

Options:
1) 20
2) 40
3) 60
4) 80
Correct Answer: 60
Candidate Answer: 60
Options:
1) 28
2) 22
3) 24
4) 26
Correct Answer: 28
Candidate Answer: 22

Question 53. If 10% loss is made on selling price, then the rate of loss on the cost price will be
यदि बिक्री मूल्य पर 10% की हानि होती है, तो लागत मूल्य पर हानि की दर क्या होगी?
Options:
1) \(11\frac{1}{9}\) %
2) \(9\frac{1}{11}\) %
3) 10%
4) 11%
Correct Answer: \(11\frac{1}{9}\)
Candidate Answer: \(11\frac{1}{9}\)

Question 54. If "basis points" are defined so that 1 percent is equal to 100 basis points, then by how many basis points is 82.5 percent greater than 62.5 percent?
यदि "आधार ऐंडुओं" को इस प्रकार परिभाषित किया जाए कि 1 शतांश 100 आधार ऐंडुओं के बराबर है तो कितने आधार ऐंडु 62.5 प्रतिशत से 82.5 प्रतिशत अधिक है?
Options:
1) 0.2
2) 20
3) 200
4) 2000
Correct Answer: 2000
Candidate Answer: 2000

Question 55. Sound travels at 330 metres per second. The distance (in kilometres) of a thunder cloud when its sound follows the flash after 10 seconds is
चायद के बादलों के गजने की आवाज बिजली चमकने के 10 सेकंड बाद सुनाई दे तो उसकी दूरी (किलोमीटर में) कितनी होगी?
Options:
1) 0.33 km
2) 3.3 km
3) 33 km
4) 33.3 km
Correct Answer: 3.3 km
Candidate Answer: 3.3 km

Question 56. For what sum will the simple interest at R% for 2 years will be R?
कितनी राशि पर 2 वर्ष की R% पर साधारण ब्याज R होगा?
Question 57.
If \( p^2 + \frac{1}{p^2} = 47 \), the value of \( p + \frac{1}{p} \) is

\[
\text{यदि } p^2 + \frac{1}{p^2} = 47 \text{ है, तो } p + \frac{1}{p} \text{ का मान बताइए?}
\]

Options:
1) 5
2) 6
3) 7
4) 8
Correct Answer: 7
Candidate Answer: 7

Question 58. The third proportional of the following numbers \((x-y)^2, (x^2-y^2)^2\) is

\((x-y)^2, (x^2-y^2)^2\) इन संख्याओं का तीसरा यथानुपात क्या है?

Options:
1) \((x+y)^2 (x-y)^2\)
2) \((x+y)^4 (x-y)^2\)
3) \((x+y)^2 (x-y)^2\)
4) \((x+y)^2 (x-y)^3\)
Correct Answer: \((x+y)^4 (x-y)^2\)
Candidate Answer: \((x+y)^2 (x-y)^2\)

Question 59. Two circles touch each other externally. The distance between their centres is 7 cm. If the radius of one circle is 4 cm, then the radius of the other circle will be

दो वृत्त बाहर की ओर से एक दूसरे को स्पर्श करते हैं। उनके केंद्रों के बीच की दूरी 7 से.मी. है। यदि एक वृत्त की विद्यु 4 से.मी. है, तो दूसरे वृत्त की विद्यु कितनी होगी?

Options:
1) 3 cm
2) 4 cm
3) 5.5 cm
4) 3.5 cm
Correct Answer: 3 cm
Candidate Answer: 3 cm
3 से.मी.

Question 60. Let ΔABC and ΔABD be on the same base AB and between the same parallels AB and CD. Then the relation between areas of triangles ABC and ABD will be
माना कि ΔABC और ΔABD समान आधार AB पर हैं, और समान समांतर AB और CD के बीच हैं, तो ΔABC और ΔABD के क्षेत्रफल के बीच क्या सम्बन्ध होगा?
Options:
1) \( \Delta ABD = \frac{1}{3} \Delta ABC \)
2) \( \Delta ABD = \frac{1}{2} \Delta ABC \)
3) \( \Delta ABC = \frac{1}{2} \Delta ABD \)
4) \( \Delta ABC = \Delta ABD \)
Correct Answer:
\( \Delta ABC = \Delta ABD \)

Candidate Answer:
\( \Delta ABC = \Delta ABD \)

Question 61. The least value of \( \tan^2 x + \cot^2 x \) is
\( \tan^2 x + \cot^2 x \) का मिन्नतम मान क्या है?
Options:
1) 3
2) 2
3) 0
4) 1
Correct Answer: 2
Candidate Answer: 1

Question 62. While selling a watch, a shop­keeper gives a discount of 5%. If he gives a discount of 7%, he earns ₹ 15 less as profit. The marked price of the watch is
एक दुकानदार घड़ी बेचते समय 5% की छूट देता है। यदि वह 7% की छूट देता है तो वह लाभ के रूप में ₹ 15 कम कमाता है। घड़ी का अंकित मूल्य क्या है?
Options:
1) 697.5
2) 712.5
3) 750
4) None of the these
Correct Answer: 750
Candidate Answer: None of the these

Question 63. What least value must be assigned to ‘*’ so that the number 63576 * 2 is divisible by 8?
‘*’ के स्थान पर कितना स्थानांक मान रखा जाए कि 63576*2 संख्या 8 से विभाजित हो जाए?
Options:
1) 1
2) 2
3) 3
4) 4
Correct Answer: 3
Candidate Answer: 3
Question 64: A student, by mistake, wrote 64 in place of 46 as a number at the time of finding the average of 10 given numbers & got the average as 50. The correct average of the numbers is

एक छात्र ने दी गई 10 संख्याओं का औसत निकालने के समय 46 के बजाय 64 लिखा और औसत 50 निकाला, संख्याओं का सही औसत कितना होगा?

Options:  
1) 48.2
2) 48
3) 48.1
4) 49

Correct Answer: 48.2
Candidate Answer: 48.2

Question 65.

If \( x + \sqrt{5} = 5 + \sqrt{y} \) and \( x, y \) are positive integers, then the value of \( \frac{\sqrt{x} + y}{x + \sqrt{y}} \) is

यदि \( x + \sqrt{5} = 5 + \sqrt{y} \) और \( x, y \) पूर्णांक हैं, तो \( \frac{\sqrt{x} + y}{x + \sqrt{y}} \) का मान क्या है?

Options:  
1) 1
2) 2
3) \( \sqrt{5} \)
4) 5

Correct Answer: 1
Candidate Answer: 1

Question 66. The cube of 997 is

997 का घन क्या है?

Options:  
1) 991026973
2) 991029673
3) 991029773
4) 991097273

Correct Answer: 991026973
Candidate Answer: 991029773

Question 67. Length of the sides of a triangle are \( a, b, c \) respectively. If \( a^2 + b^2 + c^2 = ab + bc + ca \) then the triangle is

एक त्रिभुज की भुजाओं की लम्बाई क्रमशः \( a, b, c \) हैं। यदि \( a^2 + b^2 + c^2 = ab + bc + ca \) हो तो त्रिभुज कैसा होगा?

Options:  
1) isosceles बराबर
2) equilateral समबाहु
3) scalene विसमबाहु
4) right-angled समकोणीय

Correct Answer: equilateral समबाहु
candidate Answer: equilateral समबाहु
Question 68. The area of the circle with radius Y is W. The difference between the areas of the bigger circle (with radius Y) and that of the smaller circle (with radius X) is W'. So \( x/y \) is equal to

\[
\frac{\sqrt{1 - \frac{W'}{W}}}{\sqrt{1 - \frac{W'}{W}}}
\]

Options:
1) \( \sqrt{1 - \frac{W'}{W}} \)
2) \( \sqrt{1 + \frac{W'}{W}} \)
3) \( \sqrt{1 + \frac{W}{W'}} \)
4) \( \sqrt{1 - \frac{W}{W'}} \)

Correct Answer:
\( \sqrt{1 - \frac{W'}{W}} \)

Candidate Answer:
\( \sqrt{1 - \frac{W'}{W}} \)

Question 69. If \( \cos 21° = \frac{x}{y} \), then cosec 21° - cos 69° is equal to

\( \text{यदि} \cos 21° = \frac{x}{y} \), \( \text{तो} \) cosec 21° - cos 69° किसके बराबर होगा?

Options:
1) \( \frac{x^2}{y\sqrt{y^2 - x^2}} \)
2) \( \frac{y^2}{x\sqrt{x^2 - y^2}} \)
3) \( \frac{y^2}{x\sqrt{x^2 - y^2}} \)
4) \( \frac{x^2}{y\sqrt{x^2 - y^2}} \)

Correct Answer:
\( \frac{x^2}{y\sqrt{x^2 - y^2}} \)

Candidate Answer:
\( \frac{x^2}{y\sqrt{x^2 - y^2}} \)
Question 70. A right circular conical structure stands on a circular base of 21 cm diameter and is 14 m in height. The total cost of colour washing for its curved surface at ₹ 6 per sq. m. is

(Take \( \pi = \frac{22}{7} \))

एक लंब वृतीय शंकर ढांचा 21 मी. व्यास वाले वृतीय आधार पर खड़ा है जिसकी ऊंचाई 14 मी. है। ₹ 6 प्रति वर्गमीटर के हिसाब से इसकी सतह की रंगाई की कुल लागत कितनी होगी?

(जहाँ \( \pi = \frac{22}{7} \))

**Options:**
1) 4365
2) 4465
3) 3465
4) 3365

**Correct Answer:** 3465

**Candidate Answer:** 4365

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Question 71. A telegraph post is bent at a point above the ground. Its top just touches the ground at a distance of 8√3 m from its foot and makes an angle of 30° with the horizontal. The height (in metre) of the post is

एक टेलीग्राफ क्षेत्रीय यमीन के ऊपर एक बिंदु पर झुका हुआ है। उसका शीर्ष उसके पाद से 8√3 मी. की दूरी पर जमीन को स्पर्श करता है और धीर्ज के 30° का कोण बनाता है। खेरक की ऊंचाई कितनी (मीटर में) है?

**Options:**
1) 12
2) 16
3) 18
4) 24

**Correct Answer:** 24

**Candidate Answer:** 24

---

Question 72. Study the graph and answer the following questions.
The graph shows the number of bicycles parked in the parking space of a hall at various points of time.

ग्राफ का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दीजिए।

ग्राफ में किसी हॉल के पार्किंग स्थान पर अलग-अलग समय में पार्क की गई साइकिलें दर्शाता है।

Charges for parking is Rs. 1 per hour. What will be the total collection from 9 AM to 7 PM

पार्किंग किराया पदि रु. 1 प्रति घाटा हो तो प्रातः 9 बजे से सायं 7 बजे तक कुल कितनी धनराशि एकत्रित होगी?

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http://thepracticetest.in/challengesystem/response_questions.php?_id=MtA=appid=1a4ff78943b24af40c79deccf09bb67
Question 73. Study the graph and answer the following questions.
The graph shows the number of bicycles parked in the parking space of a hall at various points of time.

What is the percentage decrease in the number of parked cycles between 7 pm and 8 pm? (in whole number)

Options:
1) 30
2) 38
3) 42
4) 45

Correct Answer: 45
Candidate Answer: 30
Question 74. Study the graph and answer the following questions.
The graph shows the number of bicycles parked in the parking space of a hall at various points of time.

What is the average number of parked cycles as seen from the graph?

Options:
1) 40
2) 45
3) 55
4) 60

Correct Answer: 60
Candidate Answer: 60
Question 75. Study the graph and answer the following questions.

The graph shows the number of bicycles parked in the parking space of a hall at various points of time.

How many times, as mentioned in the graph, is the number of parked cycles above average?

Options:
1) 3
2) 4
3) 5
4) 6
Correct Answer: 6
Candidate Answer: 6

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.

RATIONAL
Options:
1) TIDY
2) AGREEABLE
3) LAUDABLE
4) LOGICAL
Correct Answer: LOGICAL
Candidate Answer: LOGICAL

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.

INTERIM
Options:
1) PROVISIONAL
2) TENTATIVE
3) PERMANENT
4) INTERVAL
Correct Answer: PERMANENT
Candidate Answer: TENTATIVE

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) Breif
2) Percieve
3) Relieve
4) Cheif
Correct Answer: Relieve
Candidate Answer: Brief

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.

The King Juan Carlos of Spain (A) arrived in London (B) for a three day visit (C) No error (D)

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

Correct Answer: A

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.

Many people die (A) with cholera (B) every year (C) No error (D)

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

Correct Answer: B

Candidate Answer: B

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.

I was (A) at loss (B) and did not know what to do (C) No error (D)

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

Correct Answer: B

Candidate Answer: D

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.

The king was moved with ______ for the beggar

Options:
1) pity
2) piety
3) pithy
4) privy

Correct Answer: pity

Candidate Answer: pity

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.

A big dictionary ______ ______ the table near the door

Options:
1) are on
2) is over
3) is on
4) is up

Correct Answer: is on

Candidate Answer: is on

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.

Mr. Sen is absent today. He _____ sick

Options:
1) has to be
2) could have been
3) might be
4) must have been

Correct Answer: might be
Candidate Answer: might be

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.

Feather in one's cap
Options:
1) Discrimination
2) A new and additional distinction
3) Hunting
4) Bird watching
Correct Answer: A new and additional distinction
Candidate Answer: Hunting

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.

Donkey's years
Options:
1) A decade
2) A long time
3) A century
4) Since school days
Correct Answer: A long time
Candidate Answer: A long time

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.

Leave no stone unturned
Options:
1) Try every possible way
2) Behave smartly
3) Constructing
4) Wasting no time
Correct Answer: Try every possible way
Candidate Answer: Wasting no time

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.

A child born after the death of father
Options:
1) Post dated
2) Premature
3) Paternal
4) Posthumous
Correct Answer: Posthumous
Candidate Answer: Posthumous

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 person who completely abstains from alcohol
Options:
1) teetotaller
2) drunkard
3) alcoholic
4) imposter
Correct Answer: teetotaller
Candidate Answer: imposter

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.

One who is able to use both hands
Options:
1) Sinister
2) Ambidextrous
3) Ambivalent
4) Amateur
Correct Answer: Ambidextrous
Candidate Answer: Ambidextrous
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".

In case of a natural calamity the shortage of essential things must be overcome in a short time

Options:
1) commodities
2) consignments
3) material
4) No improvement

Correct Answer: commodities
Candidate Answer: No improvement

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".

She decided to go there, though her husband cautioned her on it

Options:
1) against
2) for
3) about
4) No improvement

Correct Answer: against
Candidate Answer: for

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".

I am very much interested in your story

Options:
1) have been very interested
2) am much more interested
3) am very interesting
4) No improvement

Correct Answer: No improvement
Candidate Answer: have been very interested

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".

He refused the charge brought against him

Options:
1) disagreed
2) disowned
3) denied
4) No improvement

Correct Answer: denied
Candidate Answer: denied

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".

Working hard students always achieve good results

Options:
1) Energetic
2) Industrious
3) Talented
4) No improvement

Correct Answer: Industrious
Candidate Answer: Talented
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.

Namita is from the state of Kerala. She has come to Dubai to serve as a governess for the only child of the Nairs. The Nairs are nice and gentle and Namita has no cause to complain. One day she overhears something that makes her jittery. Mr. Nair is not employed in an American company as she has been told. The nature of his business is illegal. She is shocked and wants to go back to her home town to her own people.

Gopal is from a very poor family. His family owns a very small piece of land that can hardly meet their food requirement. One day, Gopal gets a nice offer to work in the Emirates with a construction contractor. In order to meet the expenses on travelling, the family decides to sell their own land and send Gopal to the foreign country, to make money. On arrival, the contractor confiscates Gopal's passport and gives him a small place to live in with ten others like him. Gopal has little idea what he must do.

Which word from the ones given below, best describes Namita's relationship with her employers in the beginning?

Options:
1) Cordial
2) Friendly
3) Sympathetic
4) Complaining

Correct Answer: Cordial
Candidate Answer: Sympathetic

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.

Namita is from the state of Kerala. She has come to Dubai to serve as a governess for the only child of the Nairs. The Nairs are nice and gentle and Namita has no cause to complain. One day she overhears something that makes her jittery. Mr. Nair is not employed in an American company as she has been told. The nature of his business is illegal. She is shocked and wants to go back to her home town to her own people.

Gopal is from a very poor family. His family owns a very small piece of land that can hardly meet their food requirement. One day, Gopal gets a nice offer to work in the Emirates with a construction contractor. In order to meet the expenses on travelling, the family decides to sell their own land and send Gopal to the foreign country, to make money. On arrival, the contractor confiscates Gopal's passport and gives him a small place to live in with ten others like him. Gopal has little idea what he must do.

What does the phrase, 'makes her jittery' imply?

Options:
1) Sadness
2) Anger
3) Trauma
4) Anxiety

Correct Answer: Anxiety
Candidate Answer: Anxiety

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.

Namita is from the state of Kerala. She has come to Dubai to serve as a governess for the only child of the Nairs. The Nairs are nice and gentle and Namita has no cause to complain. One day she overhears something that makes her jittery. Mr. Nair is not employed in an American company as she has been told. The nature of his business is illegal. She is shocked and wants to go back to her home town to her own people.

Gopal is from a very poor family. His family owns a very small piece of land that can hardly meet their food requirement. One day, Gopal gets a nice offer to work in the Emirates with a construction contractor. In order to meet the expenses on travelling, the family decides to sell their own land and send Gopal to the foreign country, to make money. On arrival, the contractor confiscates Gopal's passport and gives him a small place to live in with ten others like him. Gopal has little idea what he must do.

Namita and Gopal are in a similar situation, because they

Options:
1) love their families
2) are happy with their situations
3) are from impoverished families
4) are stranded in a foreign country

Correct Answer: are stranded in a foreign country
Candidate Answer: are stranded in a foreign country
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.

Namita is from the state of Kerala. She has come to Dubai to serve as a governess for the only child of the Nairs. The Nairs are nice and gentle and Namita has no cause to complain. One day she overhears something that makes her jittery. Mr. Nair is not employed in an American company as she has been told. The nature of his business is illegal. She is shocked and wants to go back to her home town to her own people.

Gopal is from a very poor family. His family owns a very small piece of land that can hardly meet their food requirement. One day, Gopal gets a nice offer to work in the Emirates with a construction contractor. In order to meet the expenses on travelling, the family decides to sell their own land and send Gopal to the foreign country, to make money. On arrival, the contractor confiscates Gopal's passport and gives him a small place to live in with ten others like him. Gopal has little idea what he must do.

Namita's situation is better than that of Gopal, because she

Options:
1) has a well behaved employer
2) knows what she wants to do
3) loves the new place and the child
4) now knows about her employer

Correct Answer: knows what she wants to do

Candidate Answer: now knows about her employer

Question 100. 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.

Namita is from the state of Kerala. She has come to Dubai to serve as a governess for the only child of the Nairs. The Nairs are nice and gentle and Namita has no cause to complain. One day she overhears something that makes her jittery. Mr. Nair is not employed in an American company as she has been told. The nature of his business is illegal. She is shocked and wants to go back to her home town to her own people.

Gopal is from a very poor family. His family owns a very small piece of land that can hardly meet their food requirement. One day, Gopal gets a nice offer to work in the Emirates with a construction contractor. In order to meet the expenses on travelling, the family decides to sell their own land and send Gopal to the foreign country, to make money. On arrival, the contractor confiscates Gopal's passport and gives him a small place to live in with ten others like him. Gopal has little idea what he must do.

The conclusion that can be drawn from both situations is that people should

Options:
1) stay in their own countries and villages
2) feel contented and satisfied with their lot
3) verify details before accepting any job
4) not travel to these regions of the world

Correct Answer: verify details before accepting any job

Candidate Answer: verify details before accepting any job