



Staff Selection Commission
(Government Of India)

QID : 1 - In the following question, select the related word pair from the given alternatives.

Canada : Ottawa :: ? : ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित शब्द युग्म को चुनिए।

कनाडा : ओटावा :: ? : ?

Options:

1) Egypt : Cairo

मिस्र : काहिरा

2) Norway : Havana

नॉर्वे : हवाना

3) France : Rome

फ्रांस : रोम

4) Kenya : Teheran

केन्या : तेहरान

Correct Answer: Egypt : Cairo

मिस्र : काहिरा

Candidate Answer: France : Rome

फ्रांस : रोम

QID : 2 - In the following question, select the related letters from the given alternatives.

JQXE : LSZG :: MTNL : ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित अक्षरों को चुनिए।

JQXE : LSZG :: MTNL : ?

Options:

1) OPVN

2) KRPN

3) OVPN

4) OPLJ

Correct Answer: OVPN

Candidate Answer: OVPN

QID : 3 - In the following question, select the related number from the given alternatives.

7 : 48 :: 11 : ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित संख्या को चुनिए।

7 : 48 :: 11 : ?

Options:

1) 120

2) 121

3) 131

4) 170

Correct Answer: 120

Candidate Answer: 120

QID : 4 - In the following question, select the odd word from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम शब्द को चुनिए।

Options:

- 1) Square
वर्ग
- 2) Rectangle
आयत
- 3) Cylinder
बेलन
- 4) Triangle
त्रिभुज

Correct Answer: Cylinder
बेलन

Candidate Answer: Cylinder
बेलन

QID : 5 - In the following question, select the odd letter from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम अक्षर को चुनिए।

Options:

- 1) A
- 2) S
- 3) U
- 4) I

Correct Answer: S

Candidate Answer: S

QID : 6 - In the following question, select the odd number from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम संख्या को चुनिए।

Options:

- 1) 216
- 2) 125
- 3) 343
- 4) 510

Correct Answer: 510

Candidate Answer: 510

QID : 7 - Arrange the given words in the sequence in which they occur in the dictionary.

- 1. Dragon
- 2. Dracula
- 3. Dormont
- 4. Drapery
- 5. Deviate

निम्नलिखित शब्दों को शब्दकोश में आने वाले क्रम के अनुसार लिखें।

- 1. Dragon
- 2. Dracula
- 3. Dormont
- 4. Drapery
- 5. Deviate

Options:

- 1) 53214
- 2) 53124
- 3) 53421
- 4) 53412

Correct Answer: 53214

Candidate Answer: 53214

QID : 8 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

KV, LU, MT, ?

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

KV, LU, MT, ?

Options:

- 1) NS
- 2) OS

3) OU

4) SN

Correct Answer: NS

Candidate Answer: NS

QID : 9 - In the following question, select the missing number from the given series.

3, 4, 5, 4, 9, 10, 6, 16, 15, 9, 25, 20, 13, 36, ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

3, 4, 5, 4, 9, 10, 6, 16, 15, 9, 25, 20, 13, 36, ?

Options:

1) 17

2) 25

3) 28

4) 31

Correct Answer: 25

Candidate Answer: [NOT ANSWERED]

QID : 10 - The ratio of present ages of Anil and Aakash is 4 : 5. Three years later their ages will be in ratio 7 : 8. What is the present age (in years) of Anil?

अनिल तथा आकाश की वर्तमान आयु का अनुपात 4 : 5 है। तीन वर्षों बाद उनकी आयु का अनुपात 7 : 8 हो जाएगा। अनिल की वर्तमान आयु (वर्षों में) क्या है?

Options:

1) 8

2) 6

3) 4

4) 10

Correct Answer: 4

Candidate Answer: 4

QID : 11 - Karan remembers that his sister's birthday is not after 18th August. Karan's mother remembers that Karan's sister birthday is before 20th August but after 17th August. On which date of August is Karan's sister birthday?

करन को याद है कि उसकी बहन का जन्मदिन 18 अगस्त के बाद नहीं है। करन की माँ को याद है कि करन की बहन का जन्मदिन 20 अगस्त से पहले लेकिन 17 अगस्त के बाद है। करन की बहन का जन्मदिन अगस्त की किस तारीख को है?

Options:

1) 18

2) 17

3) 19

4) 20

Correct Answer: 18

Candidate Answer: 19

QID : 12 - In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

Superconductors

दिए गए प्रश्न में, निम्नलिखित विकल्पों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके नहीं बनाया जा सकता है।

Superconductors

Options:

1) Sports

2) Spunt

3) Stern

4) Spectrum

Correct Answer: Spectrum

Candidate Answer: Spectrum

QID : 13 - In a certain code language, "PEN-TAN" is written as "0". How is "DEN-COB" written in that code language?

एक विशिष्ट कोड भाषा में, "PEN-TAN" को "0" लिखा जाता है। इस कोड भाषा में "DEN-COB" को किस प्रकार लिखा जाएगा?

Options:

1) 8

2) 3

3) 9

4) 7

Correct Answer: 3

Candidate Answer: 3

QID : 14 - If "÷" denotes "multiplied by", "+" denotes "subtracted from", "-" denotes "added to" and "x" denotes "divided by", then which of the following equation is true?

यदि "÷" का अर्थ "गुणा" है, "+" का अर्थ "घटाव" है, "-" का अर्थ "जोड़" है तथा "x" का अर्थ "भाग" है, तो निम्नलिखित में से कौन सा समीकरण सही है?

Options:

1) $16 + 19 \times 21 - 5 = 201$

2) $5 \times 6 + 4 \div 3 = 37/6$

3) $6 \times 3 + 12 \div 3 = 21$

4) $18 \times 6 \div 8 - 12 = 36$

Correct Answer: $18 \times 6 \div 8 - 12 = 36$

Candidate Answer: [NOT ANSWERED]

QID : 15 - If $5 \# 9 @ 7 = 52$ and $3 @ 9 \# 2 = -89$, then

$7 \# 6 @ 9 = ?$

यदि $5 \# 9 @ 7 = 52$ तथा $3 @ 9 \# 2 = -89$ हो, तो

$7 \# 6 @ 9 = ?$

Options:

1) 67

2) 56

3) 43

4) 28

Correct Answer: 67

Candidate Answer: [NOT ANSWERED]

QID : 16 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिन्ह (?) के स्थान पर आने वाली संख्या को चुनिए।

3	17
11	4

2	16
10	7

6	13
15	?

Options:

1) 1

2) 2

3) 3

4) 4

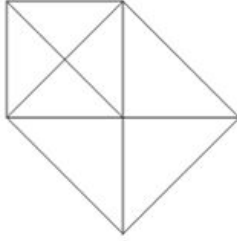
Correct Answer: 1

Candidate Answer: [NOT ANSWERED]

QID : 17 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

- 1) 12
- 2) 13
- 3) 15
- 4) 18

Correct Answer: 15

Candidate Answer: 15

QID : 18 - In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All stars are white.
- II. All white are moon.
- III. No moon is blue.

Conclusions:

- I. Some moon are stars.
- II. No blue is stars.
- III. Some white are stars.
- IV. Some blue are white.

नीचे दिए गए प्रत्येक प्रश्न में कुछ कथन और उनके बाद उन कथनों पर आधारित कुछ निष्कर्ष दिए गए हैं, हालांकि उनमें सामान्य ज्ञात तथ्यों से भिन्नता हो सकती है। सभी निष्कर्ष पढ़ें और फिर निर्धारित करें कि दिए गए कौन से निष्कर्ष दिए गए कथनों के आधार पर युक्तिसंगत हैं।

कथन:

- I. सभी तारे सफेद हैं।
- II. सभी सफेद चाँद हैं।
- III. कोई चाँद नीला नहीं है।

निष्कर्ष:

- I. कुछ चाँद तारे हैं।
- II. कोई नीला तारा नहीं है।
- III. कुछ सफेद तारे हैं।
- IV. कुछ नीला सफेद है।

Options:

- 1) Only conclusion (I), (II) and (III) follow.
केवल निष्कर्ष (I), (II) तथा निष्कर्ष (III) सही हैं।
- 2) Only conclusion (III) and (IV) follow.
केवल निष्कर्ष (III) तथा निष्कर्ष (IV) सही हैं।
- 3) Only conclusion (I), (II) and (IV) follow.
केवल निष्कर्ष (I), (II) तथा निष्कर्ष (IV) सही हैं।
- 4) Only conclusion (II), (III) and (IV) follow.
केवल निष्कर्ष (II), (III) तथा निष्कर्ष (IV) सही हैं।

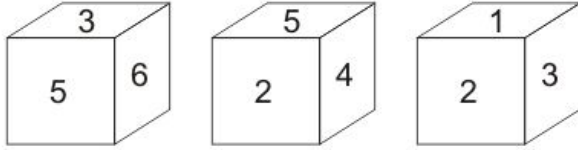
Correct Answer: Only conclusion (I), (II) and (III) follow.
केवल निष्कर्ष (I), (II) तथा निष्कर्ष (III) सही हैं।

Candidate Answer: Only conclusion (I), (II) and (III) follow.
केवल निष्कर्ष (I), (II) तथा निष्कर्ष (III) सही हैं।

QID : 19 -

Three positions of a cube are shown below. What will come opposite to face containing '5'?

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं। अंक '5' के विपरीत फलक पर कौन सा अंक आयेगा?



Options:

- 1) 1
- 2) 3
- 3) 4
- 4) 6

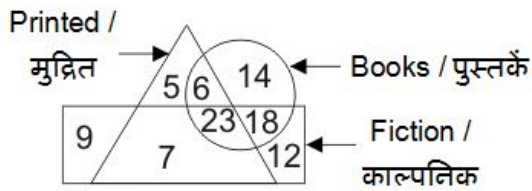
Correct Answer: 1

Candidate Answer: 1

QID : 20 -

In the given figure, how many books are fiction?

दी गई आकृति में, कितनी पुस्तकें काल्पनिक हैं?



Options:

- 1) 23
- 2) 18
- 3) 53
- 4) 41

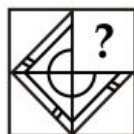
Correct Answer: 41

Candidate Answer: 41

QID : 21 -

Which answer figure will complete the pattern in the question figure?

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



Options:

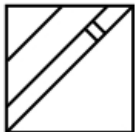
1)



2)



3)



4)



Correct Answer:



Candidate Answer:



QID : 22 -



Options:

1)



2)



3)



4)



Correct Answer:



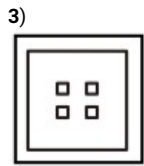
Candidate Answer:



QID : 23 -



Options:



Correct Answer:



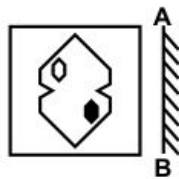
Candidate Answer:



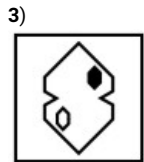
QID : 24 -

If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?



Options:



Correct Answer:



Candidate Answer:



QID : 25 -



Options:

1) 43, 23, 55, 56

2) 33, 30, 67, 75

3) 11, 42, 86, 98

4) 20, 04, 79, 87

Correct Answer: 20, 04, 79, 87

Candidate Answer: 20, 04, 79, 87

QID : 26 - Which among the following is not an account under Balance of Payment?

निम्नलिखित में से कौन सा भुगतान संतुलन के अंतर्गत एक खाता नहीं है?

Options:

1) Current Account

चालू खाता

2) Capital Account

पूँजीगत खाता

3) Official Reserves Account

आधिकारिक आरक्षित खाता

4) Unilateral Payments Account

एक-तरफा भुगतान खाता

Correct Answer: Official Reserves Account

आधिकारिक आरक्षित खाता

Candidate Answer: [NOT ANSWERED]

QID : 27 -



Options:

1) 1-c, 2-a, 3-b

2) 1-b, 2-c, 3-a

3) 1-b, 2-a, 3-c

4) 1-c, 2-b, 3-a

Correct Answer: 1-b, 2-c, 3-a

Candidate Answer: 1-b, 2-c, 3-a

QID : 28 - Who appoints Governor of a state in India?

भारत में राज्य के राज्यपाल की नियुक्ति कौन करता है?

Options:

1) Prime Minister of India

भारत के प्रधानमंत्री

2) Council of Minister

मंत्री परिषद्

3) Judge of Supreme Court

सर्वोच्च न्यायालय का न्यायाधीश

4) President of India

भारत के राष्ट्रपति

Correct Answer: President of India

भारत के राष्ट्रपति

Candidate Answer: President of India

भारत के राष्ट्रपति

QID : 29 - What is the literal meaning of 'Certiorari'?

'उत्प्रेषणादेश या उत्प्रेषण' से क्या अभिप्राय है?

Options:

1) We command

परमादेश

2) To have the body of

बंदी को सशरीर प्रस्तुत करना

3) To forbid

क्षमा करना

4) To be certified (or) to be informed

प्रमाणित करना या जानकारी देना

Correct Answer: To be certified (or) to be informed

प्रमाणित करना या जानकारी देना

Candidate Answer: To be certified (or) to be informed

प्रमाणित करना या जानकारी देना

QID : 30 - Which among the following Mughal Emperor was illiterate?

निम्नलिखित में से कौन सा मुगल शासक अशिक्षित था?

Options:

- 1) Shah Jahan
शाह जहाँ
- 2) Aurangzeb
औरंगजेब
- 3) Akbar
अकबर
- 4) Jahangir
जहाँगीर

Correct Answer: Akbar
अकबर

Candidate Answer: Akbar
अकबर

QID : 31 - Where was the 'Azad Hind Fauj' founded?

'आजाद हिन्द फौज' की स्थापना कहाँ की गई थी?

Options:

- 1) Singapore
सिंगापुर
- 2) Thailand
थाईलैण्ड
- 3) Britain
ब्रिटेन
- 4) Italy
इटली

Correct Answer: Singapore
सिंगापुर

Candidate Answer: [NOT ANSWERED]

QID : 32 - Strait of Malacca separates which two land masses?

मलक्का जलडमरूमध्य किन दो भूभागों को अलग करता है?

Options:

- 1) Malay Peninsula and Indonesian Island of Sumatra
मलय प्रायद्वीप तथा इंडोनिशिया का द्वीप सुमात्रा
- 2) Africa and Europe
अफ्रीका तथा यूरोप
- 3) India and Sri Lanka
भारत तथा श्रीलंका
- 4) North America and South America
उत्तरी अमेरिका तथा दक्षिणी अमेरिका

Correct Answer: Malay Peninsula and Indonesian Island of Sumatra
मलय प्रायद्वीप तथा इंडोनिशिया का द्वीप सुमात्रा

Candidate Answer: Malay Peninsula and Indonesian Island of Sumatra
मलय प्रायद्वीप तथा इंडोनिशिया का द्वीप सुमात्रा

QID : 33 - The latitude which passes through Sikkim also passes through ____.

सिक्किम से गुजरने वाला अक्षांश _____ से भी गुजरता है।

Options:

- 1) Haryana
हरियाणा
- 2) Rajasthan
राजस्थान
- 3) Uttarakhand
उत्तराखण्ड
- 4) Himachal Pradesh
हिमाचल प्रदेश

Correct Answer: Rajasthan
राजस्थान

Candidate Answer: Uttarakhand
उत्तराखण्ड

QID : 34 - Which of the following is not a plant hormone?

निम्नलिखित में से कौन सा वनस्पतिजगत का हार्मोन नहीं है?

Options:

- 1) Gibberellic
जिब्रेलिक
- 2) Auxins
ऑक्सिन
- 3) Cytokinins
साइटोकाइनिन
- 4) Thyroxin

थायरोक्सिन

Correct Answer: Thyroxin

थायरोक्सिन

Candidate Answer: Thyroxin

थायरोक्सिन

QID : 35 - Nephron is related to which of the following system of human body?

निम्नलिखित में से मानव शरीर की किस प्रणाली से नेफ्रॉन संबंधित है?

Options:

1) Circulatory system

परिसंचरण प्रणाली

2) Excretory system

उत्सर्जन प्रणाली

3) Reproductive system

जनन प्रणाली

4) Respiratory system

श्वसन प्रणाली

Correct Answer: Excretory system

उत्सर्जन प्रणाली

Candidate Answer: Excretory system

उत्सर्जन प्रणाली

QID : 36 - Which Vitamin is obtained from Sun rays?

सूर्य के किरणों से कौन सा विटामिन प्राप्त होता है?

Options:

1) Vitamin A

विटामिन ऐ

2) Vitamin C

विटामिन सी

3) Vitamin K

विटामिन के

4) Vitamin D

विटामिन डी

Correct Answer: Vitamin D

विटामिन डी

Candidate Answer: Vitamin D

विटामिन डी

QID : 37 - Speed of light is maximum in ____.

_____ में प्रकाश की गति सर्वाधिक है।

Options:

1) vacuum

निर्वात

2) solids

ठोस पदार्थ

3) liquids

तरल पदार्थ

4) gases

गैस

Correct Answer: vacuum

निर्वात

Candidate Answer: solids

ठोस पदार्थ

QID : 38 - What is the SI unit of electric current?

विद्युत धारा का एस.आई. मात्रक क्या है?

Options:

1) Newton

न्यूटन

2) Joule

जूल

3) Ampere

अमपीयर

4) Watt

वाट

Correct Answer: Ampere

अमपीयर

Candidate Answer: [NOT ANSWERED]

QID : 39 - An IP address is ____ bit number.

एक आई पी एड्रेस ____ बिट संख्या है।

Options:

1) 8

2) 32

3) 64

4) 104

Correct Answer: 32

Candidate Answer: 64

QID : 40 - Process of loosing electrons is known as ____.

इलेक्ट्रॉन प्रदान करने की प्रक्रिया को ____ कहते हैं।

Options:

1) oxidation

ऑक्सीकरण

2) reduction

अपचयन

3) radiation

विकिरण

4) both oxidation and reduction

ऑक्सीकरण तथा अपचयन दोनों

Correct Answer: oxidation

ऑक्सीकरण

Candidate Answer: oxidation

ऑक्सीकरण

QID : 41 - Anions are formed by ____.

ऋणायन ____ द्वारा बनते हैं।

Options:

1) losing of electrons

इलेक्ट्रॉन प्रदान

2) gaining of electrons

इलेक्ट्रॉन प्राप्ति

3) gaining of neutrons

न्यूट्रॉन प्राप्ति

4) losing of neutrons

न्यूट्रॉन प्रदान

Correct Answer: gaining of electrons

इलेक्ट्रॉन प्राप्ति

Candidate Answer: [NOT ANSWERED]

QID : 42 - Which among the following is the major cause of acid rain?

निम्नलिखित में से अम्लीय वर्षा का मुख्य कारण क्या है?

Options:

1) Carbon dioxide

कार्बन डाइऑक्साइड

2) Carbon monoxide

कार्बन मोनोऑक्साइड

3) Nitrogen dioxide

नाइट्रोजन डाइऑक्साइड

4) Oxygen

ऑक्सीजन

Correct Answer: Nitrogen dioxide

नाइट्रोजन डाइऑक्साइड

Candidate Answer: Nitrogen dioxide

नाइट्रोजन डाइऑक्साइड

QID : 43 - First state to implement Saur Sujala Yojana is ____.

____ सौर सुजला योजना लागू करने वाला पहला राज्य है।

Options:

1) Chattisgarh

छत्तीसगढ़

2) Uttaranchal

उत्तरांचल

3) Gujarat

गुजरात

4) Maharashtra

महाराष्ट्र

Correct Answer: Chattisgarh

छत्तीसगढ़

Candidate Answer: Maharashtra

महाराष्ट्र

QID : 44 - Who is known for the invention of 'World Wide Web'?

'वर्ल्ड वाइड वेब' या विश्व व्यापी वेब' के आविष्कार के लिए किसे जाना जाता है?

Options:

1) Sir Tim-Berners-Lee

सर टिम बर्नर्स ली

2) Maxwell

मैक्सवेल

3) Martin Cooper

मार्टिन कूपर

4) S A Forbes

एस. ए. फोर्ब्स

Correct Answer: Sir Tim-Berners-Lee

सर टिम बर्नर्स ली

Candidate Answer: Martin Cooper

मार्टिन कूपर

QID : 45 - B. Sai Praneeth is associated with which of the following sport?

बी. साई प्रानीथ' निम्न में से किस खेल से संबंधित है?

Options:

1) Hockey

हॉकी

2) Badminton

बैडमिंटन

3) Chess

शतरंज

4) Boxing

मुक्केबाज़ी

Correct Answer: Badminton

बैडमिंटन

Candidate Answer: Badminton

बैडमिंटन

QID : 46 - Which of the following pair is incorrect?

निम्नलिखित में से कौन सा जोड़ा सही नहीं है?

Options:

1) Muthuswami Dikshitar - Carnatic Music

मुत्तुस्वामी दीक्षित - कर्नाटक संगीत

2) Parveen Sultana – Singer

परवीन सुल्ताना - गायिका

3) M.S. Gopalakrishnan – Violinist

एम. एस. गोपालकृष्णन - वायलिनवादक

4) Nandlal Bose – Flute

नन्दलाल बोस - बाँसुरी

Correct Answer: Nandlal Bose – Flute

नन्दलाल बोस - बाँसुरी

Candidate Answer: Nandlal Bose – Flute

नन्दलाल बोस - बाँसुरी

QID : 47 - Who among the following is the 2017 Asian Award recipient for the outstanding achievement in Cinema?

निम्नलिखित में से कौन सीनेमा के क्षेत्र में उत्कृष्ट सफलता के लिए 2017 के एशियन पुरस्कार प्राप्तकर्ता है?

Options:

1) Kunal Nayyar

कुणाल नय्यर

2) Vishal Bhardwaj

विशाल भारद्वाज

3) Om Puri

ओम पुरी

4) Zeishan Quadri

ज़ीशान क़ादरी

Correct Answer: Kunal Nayyar

कुणाल नय्यर

Candidate Answer: Kunal Nayyar

कुणाल नय्यर

QID : 48 - Who amongst the following is the author of the book "Rekha : The untold story" a biography on a veteran actress Rekha?

निम्नलिखित में से किस लेखक द्वारा अनुभवी अभिनेत्री रेखा की जीवनी "रेखा : दि अनटोल्ड स्टोरी" लिखी गई है?

Options:

1) Yasser Usman

यासीर उसमान

2) Anand Neelakantan

आनंद नीलाकंटन

3) Ram Kamal Mukherjee

राम कमल मुखर्जी

4) K. Vijay Kumar

के. विजय कुमार

Correct Answer: Yasser Usman

यासीर उसमान

Candidate Answer: [NOT ANSWERED]

QID : 49 - Which among the following country exited from Trans Pacific Partnership (TTP) in Jan 2017 ?

निम्नलिखित में से कौन सा देश जनवरी 2017 में ट्रांस पैसिफिक पार्टनरशिप से बाहर निकल गया?

Options:

1) Japan

जापान

2) USA

संयुक्त राज्य अमेरिका

3) Mexico

मैक्सिको

4) Brunei

ब्रूनी

Correct Answer: USA

संयुक्त राज्य अमेरिका

Candidate Answer: Mexico

मैक्सिको

QID : 50 - Which of the following country doesn't matches to its famous tourist place?

निम्नलिखित में से कौन सा देश अपने प्रसिद्ध पर्यटन स्थल से मेल नहीं खाता?

Options:

1) China – Great Wall of China

चीन – चीन की विशाल दीवार

2) Bhutan – Paro Taktsang

भूटान – ताकसाङ

3) Nepal – Pashupatinath Temple

नेपाल – पशुपतिनाथ मंदिर

4) Sri Lanka – Padmanabhaswamy Temple

श्रीलंका - पद्मनाभस्वामी मंदिर

Correct Answer: Sri Lanka – Padmanabhaswamy Temple

श्रीलंका - पद्मनाभस्वामी मंदिर

Candidate Answer: Sri Lanka – Padmanabhaswamy Temple

श्रीलंका - पद्मनाभस्वामी मंदिर

QID : 51 - How many numbers are there from 2000 to 7000 which are both perfect squares and perfect cubes?

2000 से 7000 तक ऐसी कितनी संख्याएँ हैं जो पूर्ण वर्ग तथा पूर्ण घन दोनों हैं?

Options:

1) 0

2) 1

3) 2

4) 3

Correct Answer: 1

Candidate Answer: 1

QID : 52 - 3 men or 4 women can complete a job in 120 days. 12 men and 16 women will complete the same job in how many days?

3 पुरुष अथवा 4 महिलाएँ एक कार्य को 120 दिनों में पूरा कर सकते हैं। 12 पुरुष तथा 16 महिलाएँ उसी कार्य को कितने दिनों में पूरा करेंगे?

Options:

1) 12

2) 14

3) 15

4) 18

Correct Answer: 15

Candidate Answer: 15

QID : 53 - If the diameter of a hemisphere is 21 cm, then what is the volume (in cm^3) of hemisphere?

यदि एक अर्ध गोले का व्यास 21 से.मी. है, तो अर्ध गोले का आयतन (से.मी.³ में) कितना होगा?

Options:

- 1) 2810
- 2) 1250.5
- 3) 1725.25
- 4) 2425.5

Correct Answer: 2425.5

Candidate Answer: 2425.5

QID : 54 - After two successive discounts of 20% and 12% an article is sold for Rs 16896. What is the marked price (in Rs) of the article?

20% तथा 12% की दो क्रमिक छूट के बाद एक वस्तु को 16896 रु. में बेचा जाता है। वस्तु का अंकित मूल्य (रु. में) क्या है?

Options:

- 1) 21500
- 2) 23800
- 3) 22000
- 4) 24000

Correct Answer: 24000

Candidate Answer: 24000

QID : 55 - The ratio of speed of three racers is 3 : 4 : 6. What is the ratio of time taken by the three racers to cover the same distance?

तीन धावकों की गति का अनुपात 3 : 4 : 6 है। समान दूरी तय करने में उनके द्वारा लिये गये समय का अनुपात क्या होगा?

Options:

- 1) 3:4:6
- 2) 6:4:3
- 3) 4:3:2
- 4) 2:3:5

Correct Answer: 4:3:2

Candidate Answer: 4:3:2

QID : 56 - In a match, average of runs scored by 7 players is 53. If the runs scored by 6 players are 121, 40, 26, 56, 37 and 48, then how many runs did the 7th player scored?

एक मैच में 7 खिलाड़ियों के द्वारा बनाए गए रनों की औसत 53 है। यदि 6 खिलाड़ियों के द्वारा बनाए गए रन 121, 40, 26, 56, 37 तथा 48 हैं, तो 7 वें खिलाड़ी ने कितने रन बनाए होंगे?

Options:

- 1) 26
- 2) 37
- 3) 43
- 4) 48

Correct Answer: 43

Candidate Answer: 43

QID : 57 - Mohit buys an old bicycle for Rs 2700 and spends Rs 500 on its repairs. If he sells the bicycle for Rs 3520, then what is his profit percentage?

मोहित एक पुरानी साइकिल 2700 रु. में खरीदता है तथा 500 रु. उसकी मरम्मत पर खर्च करता है। यदि वह साइकिल को 3520 रु. में बेचता है, तो उसका लाभ प्रतिशत कितना है?

Options:

- 1) 10
- 2) 12.5
- 3) 15
- 4) 20

Correct Answer: 10

Candidate Answer: 10

QID : 58 - If the price of onion increases from Rs 24/kg to Rs 36/kg, then by what percentage a household should decrease the consumption of onion so that expenditure remains same?

यदि प्याज का मूल्य 24 रु. प्रति कि.ग्रा. से 36 रु. प्रति कि.ग्रा. हो जाता है, तो एक गृहणी को प्याज की खपत कितने प्रतिशत कम कर देनी चाहिए ताकि व्यय समान रहे?

Options:

- 1) 25
- 2) 33.33
- 3) 50
- 4) 20

Correct Answer: 33.33

Candidate Answer: 33.33

QID : 59 - A train travels 20% faster than a car. Both start from point A at the same time and reach point B, 180 km away at the same time. On the way the train takes

30 minutes for stopping at the stations. What is the speed (in km/hr) of the train?

एक रेलगाड़ी एक कार से 20% तेज चलती है। दोनों बिंदु A से एक ही समय पर प्रारंभ करते हैं तथा 180 कि.मी. दूर स्थित बिंदु B पर एक ही समय पर पहुँचते हैं। मार्ग में रेलगाड़ी स्टेशनों पर रूकने के लिए 30 मिनट लेती है। रेलगाड़ी की गति (कि.मी. प्रति घंटा में) क्या है?

Options:

1) 56

2) 66

3) 72

4) 80

Correct Answer: 72

Candidate Answer: [NOT ANSWERED]

QID : 60 -



Options:

1) 3

2) 2

3) 4

4) 6

Correct Answer: 2

Candidate Answer: 2

QID : 61 - If $(x/y)^{a-4} = (y/x)^{2a-5}$, then what is the relation between x and y?

यदि $(x/y)^{a-4} = (y/x)^{2a-5}$, तो x तथा y के बीच क्या संबंध है?

Options:

1) $x > y$

2) Cannot be determined

ज्ञात नहीं किया जा सकता

3) $x < y$

4) $x = y$

Correct Answer: Cannot be determined

ज्ञात नहीं किया जा सकता

Candidate Answer: Cannot be determined

ज्ञात नहीं किया जा सकता

QID : 62 -



Options:

1) 25/7

2) 4

3) 31/7

4) 33/7

Correct Answer: 25/7

Candidate Answer: [NOT ANSWERED]

QID : 63 - If $3a - (3/a) - 3 = 0$, then what is the value of $a^3 - (1/a^3) + 2$?

यदि $3a - (3/a) - 3 = 0$, तो $a^3 - (1/a^3) + 2$ का मान क्या है?

Options:

1) 0

2) 2

3) 4

4) 6

Correct Answer: 6

Candidate Answer: 4

QID : 64 -



Options:

1) $7/2$

2) 4

3) 7

4) 14

Correct Answer: 7

Candidate Answer: 7

QID : 65 - In $\triangle ABC$, AD is the median and $AD = (1/2)BC$. If $\angle ACD = 40^\circ$, then what is the value (in degrees) of $\angle DAB$?

त्रिभुज ABC में, AD मध्यिका है तथा $AD = (1/2)BC$ है। यदि $\angle ACD = 40^\circ$ है, तो $\angle DAB$ का मान (डिग्री में) क्या होगा?

Options:

1) 30

2) 40

3) 50

4) 80

Correct Answer: 50

Candidate Answer: 40

QID : 66 - Circum-centre of $\triangle ABC$ is O. If $\angle BAC = 75^\circ$ and $\angle BCA = 80^\circ$, then what is the value (in degrees) of $\angle OAC$?

त्रिभुज ABC का परिकेंद्र O है। यदि $\angle BAC = 75^\circ$ तथा $\angle BCA = 80^\circ$ है, तो $\angle OAC$ का मान (डिग्री में) क्या होगा?

Options:

1) 45

2) 65

3) 90

4) 95

Correct Answer: 65

Candidate Answer: 65

QID : 67 - Smaller diagonal of a rhombus is equal to length of its sides. If length of each side is 4 cm, then what is the area (in cm^2) of an equilateral triangle with side equal to the bigger diagonal of the rhombus?

एक समचतुर्भुज का छोटा विकर्ण उसकी भुजाओं की लम्बाई के बराबर है। यदि प्रत्येक भुजा की लम्बाई 4 से.मी. है, तो उस समबाहु त्रिभुज का क्षेत्रफल (से.मी.² में) क्या होगा जिसकी भुजा समचतुर्भुज के बड़े विकर्ण के बराबर है?

Options:

1) 6

2) $9\sqrt{3}$

3) 12

4) $12\sqrt{3}$

Correct Answer: $12\sqrt{3}$

Candidate Answer: $12\sqrt{3}$

QID : 68 -



Options:

1) 47

2) 68

3) 72

4) Cannot be determined

ज्ञात नहीं किया जा सकता

Correct Answer: 68

Candidate Answer: 68

QID : 69 - What is the simplified value of $(\cos A + \sin A)(\cot A + \tan A)$?

$(\cos A + \sin A)(\cot A + \tan A)$ का सरलीकृत मान क्या है?

Options:

1) $\sec A + \operatorname{cosec} A$

2) $\sin A + \cos A$

3) $\tan A + \cot A$

4) $\sec A - \operatorname{cosec} A$

Correct Answer: $\sec A + \operatorname{cosec} A$

Candidate Answer: $\sec A + \operatorname{cosec} A$

QID : 70 -



Options:

- 1) $\sqrt{2} \sec A$
- 2) $\sqrt{2} \operatorname{cosec} A$
- 3) $\sec^2 A$
- 4) $2 \sec A$

Correct Answer: $\sqrt{2} \sec A$

Candidate Answer: $\sqrt{2} \sec A$

QID : 71 - If $2 \cos \theta = 2 - \sin \theta$, then what is the value of $\cos \theta$?

यदि $2 \cos \theta = 2 - \sin \theta$, तो $\cos \theta$ का मान क्या होगा?

Options:

- 1) 1 or $3/5$
1 या $3/5$
- 2) 1 or $-1/2$
1 या $-1/2$
- 3) -1 or $-1/2$
 -1 या $-1/2$
- 4) -1 or $3/5$
 -1 या $3/5$

Correct Answer: 1 or $3/5$

1 या $3/5$

Candidate Answer: [NOT ANSWERED]

QID : 72 -



If the total trade of the country in year 3 was 1183 crore dollars, then what was the difference (in crore dollars) between exports and imports of the country in that year?

यदि देश का वर्ष 3 में कुल व्यापार 1183 करोड़ डॉलर था, तो उसी वर्ष देश के आयात तथा निर्यात के बीच का अंतर (करोड़ डॉलर में) कितना था?

Options:

- 1) 169
- 2) 173
- 3) 142
- 4) 158

Correct Answer: 169

Candidate Answer: 169

QID : 73 -



The total trade for Year 2 and Year 4 is same. If exports of Year 4 are 315 crore dollars, then what are the imports (in crore dollars) of Year 2?

वर्ष 2 तथा वर्ष 4 का कुल व्यापार समान है। यदि वर्ष 4 का निर्यात 315 करोड़ डॉलर है, तो वर्ष 2 का आयात (करोड़ डॉलर में) कितना है?

Options:

- 1) 306.4
- 2) 309.8
- 3) 323.7
- 4) 318.5

Correct Answer: 318.5

Candidate Answer: [NOT ANSWERED]

QID : 74 -



Total trade of Year 1 is twice of the total trade of Year 5. If total trade of Year 1 is 5700 crore dollars, then what is the difference (in crore dollars) in exports of Year 1 and Year 5?

वर्ष 1 का कुल व्यापार वर्ष 5 के कुल व्यापार का दोगुना है। यदि वर्ष 1 का कुल व्यापार 5700 करोड़ डॉलर है, तो वर्ष 1 तथा वर्ष 5 के निर्यात में कितना अंतर (करोड़ डॉलर में) होगा?

Options:

- 1) 1835
- 2) 1632
- 3) 1368
- 4) 1423

Correct Answer: 1632

Candidate Answer: 1632

QID : 75 -



The total trade of 5 years is 3800, 3600, 2800, 3900 and 5000 crore dollars respectively. What is the difference (in crore dollars) in the average exports and average imports respectively?

5 वर्षों का कुल व्यापार क्रमशः 3800, 3600, 2800, 3900 तथा 5000 करोड़ डॉलर है। क्रमशः औसतन निर्यात तथा औसतन आयात में कितना अंतर (करोड़ डॉलर में) है?

Options:

- 1) 60
- 2) -60
- 3) -90
- 4) 120

Correct Answer: 60

Candidate Answer: [NOT ANSWERED]

QID : 76 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

On Sundays (1)/ I prefer reading (2)/ than going out visiting my friends. (3)/ No Error (4)

Options:

- 1) 1
- 2) 2
- 3) 3
- 4) 4

Correct Answer: 3

Candidate Answer: 3

QID : 77 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

Rohit is two year (1)/ junior than Mukesh (2)/ in the office. (3)/ No Error (4)

Options:

- 1) 1
- 2) 2
- 3) 3
- 4) 4

Correct Answer: 2

Candidate Answer: 2

QID : 78 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

God is ____.

Options:

- 1) immanent
- 2) mortal
- 3) imminent
- 4) deference

Correct Answer: immanent

Candidate Answer: imminent

QID : 79 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Riya ____ her matriculation examination in 2016.

Options:

- 1) completed
- 2) passed
- 3) obtained
- 4) gathered

Correct Answer: passed

Candidate Answer: [NOT ANSWERED]

QID : 80 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Articulate

Options:

- 1) Dominate
- 2) Distinct
- 3) Helpers
- 4) Unsteady

Correct Answer: Distinct

Candidate Answer: Dominate

QID : 81 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Ascend

Options:

- 1) Lay
- 2) Climb
- 3) Weaken
- 4) Void

Correct Answer: Climb

Candidate Answer: Climb

QID : 82 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Waggish

Options:

- 1) Jocular
- 2) Whimsical
- 3) Flippant
- 4) Solemn

Correct Answer: Solemn

Candidate Answer: Whimsical

QID : 83 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Desecrate

Options:

- 1) Sanctify
- 2) Profane
- 3) Befoul
- 4) Defile

Correct Answer: Sanctify

Candidate Answer: Sanctify

QID : 84 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase.

Will-o-the wisp

Options:

- 1) Something that is impossible to get or achieve.
- 2) To keep off an unwanted and undesirable person.
- 3) To spend recklessly.
- 4) Accept or leave the offer.

Correct Answer: Something that is impossible to get or achieve.

Candidate Answer: To spend recklessly.

QID : 85 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase.

To go through fire and water

Options:

- 1) To scold someone
- 2) To experience many dangers in order to achieve something
- 3) To act without restraints
- 4) Something which hurts

Correct Answer: To experience many dangers in order to achieve something

Candidate Answer: To act without restraints

QID : 86 - Improve the bracketed part of the sentence.

We do not (**agree on**) certain things.

Options:

- 1) agree to
- 2) agree about
- 3) agree of
- 4) No improvement

Correct Answer: No improvement

Candidate Answer: agree to

QID : 87 - Improve the bracketed part of the sentence.

There are two pens here and (**either write**) well.

Options:

- 1) either have written
- 2) either wrote well
- 3) either writes
- 4) No improvement

Correct Answer: either writes

Candidate Answer: either writes

QID : 88 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

A strong blast of wind.

Options:

- 1) Implosion
- 2) Trickle
- 3) Gust
- 4) Mantle

Correct Answer: Gust

Candidate Answer: [NOT ANSWERED]

QID : 89 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

Phobia of dogs

Options:

- 1) Orophobia
- 2) Cynophobia
- 3) Vatrachophobia
- 4) Phemophobia

Correct Answer: Cynophobia

Candidate Answer: Cynophobia

QID : 90 - In the following question, four words are given out of which one word is incorrectly spelt. Find the incorrectly spelt word.

Options:

- 1) Buletin
- 2) Barrage
- 3) Buoyant
- 4) Beginner

Correct Answer: Buletin

Candidate Answer: Buoyant

QID : 91 - In the following question, four words are given out of which one word is incorrectly spelt. Find the incorrectly spelt word.

Options:

- 1) Guidance
- 2) Ambassador
- 3) Handkercheif
- 4) Labourer

Correct Answer: Handkercheif

Candidate Answer: Handkercheif

QID : 92 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P: He was a funny looking man with a high, bald, dome shaped head, a face very small in comparison and a long wavy beard.

Q: He didn't work at his trade-a stonemason, more than what was necessary to keep his wife and three boys alive.

R: His unusual features were standing a joke among his friends.

S: He was a poor man-an idler.

Options:

- 1) PRQS
- 2) QPSR
- 3) RQPS
- 4) SRPQ

Correct Answer: PRQS

Candidate Answer: PRQS

QID : 93 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P: When all the credit worthy people were given loans to a logical limit, they ceased to be a part of the market.

Q: Even this would have been understandable if it could work as an eye opener.

R: Owing to the materialistic culture elsewhere, it was possible to keep selling newer products to the consumers despite having existing ones which served equally well.

S: They were lured through advertising and marketing techniques of 'dustbinisation' of the customer; and then finally, once they became ready customers, they were given loans and credits to help them by more and more.

Options:

- 1) PRQS
- 2) RSPQ
- 3) QSPR
- 4) RPQS

Correct Answer: RSPQ

Candidate Answer: [NOT ANSWERED]

QID : 94 - In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

John was arrested on a charge of murder, but for lack of evidence he was released.

Options:

- 1) The police arrested John on a charge of murder, but for lack of evidence released him.
- 2) John was arrested on a charge of murder but was released for lack of evidence.
- 3) The police arrested John on a charge of murder, but for lack of evidence he was released.
- 4) John had been arrested on a charge of murder, but for lack of evidence he had been released.

Correct Answer: The police arrested John on a charge of murder, but for lack of evidence released him.

Candidate Answer: [NOT ANSWERED]

QID : 95 - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

He said, "I saw a snake here."

Options:

- 1) He said that he had seen a snake there.
- 2) He said that he saw a snake here.
- 3) He said that he saw a snake there.
- 4) He said that he had seen a snake.

Correct Answer: He said that he had seen a snake there.

Candidate Answer: He said that he had seen a snake there.

QID : 96 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Morality is ____ with ethics and symbolises the doctrine of actions right or wrong. Politics is the ____ of expediency and need not always be _____. If something is wrong and _____ expedient, it cannot be _____.

Morality is ____ with ethics and symbolises the doctrine of actions right or wrong.

Options:

- 1) discussed
- 2) identified
- 3) recognised
- 4) rectified

Correct Answer: identified

Candidate Answer: identified

QID : 97 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Morality is ____ with ethics and symbolises the doctrine of actions right or wrong. Politics is the ____ of expediency and need not always be _____. If something is wrong and _____ expedient, it cannot be _____.

Politics is the ____ of expediency

Options:

- 1) source
- 2) collection
- 3) requirement
- 4) notion

Correct Answer: notion

Candidate Answer: notion

QID : 98 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Morality is ____ with ethics and symbolises the doctrine of actions right or wrong. Politics is the ____ of expediency and need not always be _____. If something is wrong and _____ expedient, it cannot be _____.

and need not always be _____.

Options:

- 1) wrong
- 2) right
- 3) neutral
- 4) different

Correct Answer: right

Candidate Answer: right

QID : 99 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Morality is ____ with ethics and symbolises the doctrine of actions right or wrong. Politics is the ____ of expediency and need not always be _____. If something is wrong and _____ expedient, it cannot be _____.

If something is wrong and _____ expedient,

Options:

- 1) merely
- 2) essentially
- 3) surely
- 4) hardly

Correct Answer: merely

Candidate Answer: essentially

QID : 100 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Morality is ____ with ethics and symbolises the doctrine of actions right or wrong. Politics is the ____ of expediency and need not always be _____. If something is wrong and ____ expedient, it cannot be _____.

it cannot be _____.

Options:

- 1) justifiable
- 2) relevant
- 3) acquired
- 4) immoral

Correct Answer: immoral

Candidate Answer: acquired