



Staff Selection Commission
(Government Of India)

QID : 101 - Select the related word from the given alternatives.

Lips : Smile:: Eyes : ?

दिए गए विकल्पों में से संबंधित शब्द को चुनिए।

होंठ : मुस्कान :: आंखें : ?

Options:

- 1) Black
काला
- 2) Wink
झपकी
- 3) Two
दो
- 4) Spectacles
चश्मा

Correct Answer: Wink

झपकी

Candidate Answer: Wink

झपकी

QID : 102 - Select the related letters from the given alternatives.

EHJ : KNP :: SVX : ?

दिए गए विकल्पों में से संबंधित अक्षरों को चुनिए।

EHJ : KNP :: SVX : ?

Options:

- 1) XZZ
- 2) YBD
- 3) BDF
- 4) ZBD

Correct Answer: YBD

Candidate Answer: YBD

QID : 103 - Select the related number from the given alternatives.

357 : 714 :: 468 : ?

दिए गए विकल्पों में से संबंधित संख्या को चुनिए।

357 : 714 :: 468 : ?

Options:

- 1) 579
- 2) 417
- 3) 936
- 4) 864

Correct Answer: 936

Candidate Answer: 936

QID : 104 - Select the odd word from the given alternatives.

दिए गए विकल्पों में से विषम शब्द को चुनिए।

Options:

- 1) Almond
बादाम
- 2) Dates
खजूर
- 3) Walnut
अखरोट
- 4) Cashew
काजू

Correct Answer: Dates

खजूर

Candidate Answer: Dates

खजूर

QID : 105 - Select the odd letters from the given alternatives.

दिए गए विकल्पों में से विषम अक्षरों को चुनिए।

Options:

1) XWV

2) RQP

3) HFE

4) MLK

Correct Answer: HFE

Candidate Answer: HFE

QID : 106 - Select the odd number from the given alternatives.

दिए गए विकल्पों में से विषम संख्या को चुनिए।

Options:

1) 23

2) 29

3) 37

4) 33

Correct Answer: 33

Candidate Answer: 33

QID : 107 - A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.

Queen, Aqua, Pique, Torque, Antique, ?

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

Queen, Aqua, Pique, Torque, Antique, ?

Options:

1) Squad

2) Quadrilateral

3) Prerequisite

4) Queue

Correct Answer: Prerequisite

Candidate Answer: [NOT ANSWERED]

QID : 108 - A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

F, I, M, P, T ?

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

F, I, M, P, T ?

Options:

1) W

2) X

3) Y

4) Z

Correct Answer: W

Candidate Answer: W

QID : 109 - A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

72, 65.7, ?, 53.1, 46.8

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

72, 65.7, ?, 53.1, 46.8

Options:

1) 59.4

2) 60.4

3) 59.3

4) 60.3

Correct Answer: 59.4

Candidate Answer: 60.4

QID : 110 - Kavya's birthday is on Tuesday 4th July. On what day of the week will be Anika's Birthday in the same year, if Anika was born on 15th August?

काव्या का जन्मदिन 4 जुलाई, दिन मंगलवार को है। यदि अनिका का जन्म 15 अगस्त को हुआ था, तो उसी वर्ष अनिका का जन्मदिन सप्ताह के किस दिन होगा?

Options:

- 1) Wednesday
बुधवार
- 2) Friday
शुक्रवार
- 3) Saturday
शनिवार
- 4) Tuesday
मंगलवार

Correct Answer: Tuesday

मंगलवार

Candidate Answer: Wednesday

बुधवार

QID : 111 - The weights of 4 boxes are 70, 100, 20 and 40 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes?

चार बक्सों का वजन 70, 100, 20 और 40 किलोग्राम है। निम्नलिखित में से बक्सों के किसी भी संयोजन से कुल वज़न, किलोग्राम में कौन सा नहीं हो सकता?

Options:

1) 230

2) 190

3) 160

4) 200

Correct Answer: 200

Candidate Answer: 200

QID : 112 - From the given words, select the word which cannot be formed using the letters of the given word.

SYMBOLIC

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

SYMBOLIC**Options:**

- 1) BASIC
- 2) SMILY
- 3) CLIMB
- 4) COILS

Correct Answer: BASIC

Candidate Answer: BASIC

QID : 113 - If **HEROISM** is coded as **SVILRHN**, then how will **ALP** be coded as?

यदि **HEROISM** को किसी कोड में **SVILRHN** लिखा जाता है, तो **ALP** को उसी कोड में क्या लिखा जाएगा?

Options:

1) LTV

2) ZSX

3) SGD

4) ZOK

Correct Answer: ZOK

Candidate Answer: ZOK

QID : 114 - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$15 - 5 + 25 \div 10 = ?$$

किसी कोड भाषा में, '+' का मतलब 'x' है, '-' का मतलब '+' है, 'x' का मतलब '÷' है और '÷' का मतलब '-' है। निम्नलिखित प्रश्न का उत्तर क्या है?

$$15 - 5 + 25 \div 10 = ?$$

Options:

- 1) 22
- 2) -4
- 3) 17
- 4) 130

Correct Answer: 130

Candidate Answer: 130

QID : 115 - If $23@5=56$; $6@7=26$; $5@2=14$; then what is the value of $7@5=?$

यदि $23@5=56$; $6@7=26$; $5@2=14$; तो $7@5 = ?$ का मान ज्ञात कीजिये।

Options:

- 1) 26
- 2) 24
- 3) 19
- 4) 52

Correct Answer: 24

Candidate Answer: 24

QID : 116 - A and B start from the same point. A cycles 10 km South, then turns to her right and cycles 9 km. B cycles 2 km North, then turns West and cycles 15 km, then turns to her left and cycles 12 km. Where is B with respect to A now?

A और B एक ही बिंदु से शुरू करते हैं। A 10 किलोमीटर दक्षिण की ओर साइकिल चलाता है, फिर अपनी दाईं ओर मुड़ जाता है और 9 किलोमीटर साइकिल चलाता है। B 2 किलोमीटर उत्तर की ओर साइकिल चलाता है, फिर पश्चिम की ओर मुड़ जाता है और 15 किलोमीटर साइकिल चलाता है, फिर अपनी बाईं ओर मुड़ जाता है और 12 किलोमीटर साइकिल चलाता है। A की स्थिति से अब B कहाँ पर है?

Options:

- 1) 6 km West
6 किलोमीटर पश्चिम
- 2) 6 km East
6 किलोमीटर पूर्व
- 3) 24 km West
24 किलोमीटर पश्चिम
- 4) 24 km East
24 किलोमीटर पूर्व

Correct Answer: 6 km West

6 किलोमीटर पश्चिम

Candidate Answer: 24 km West

24 किलोमीटर पश्चिम

QID : 117 - the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement 1 : All wheat are grain.

Statement 2 : Some wheat are flour.

Conclusion I : Some grain are flour.

Conclusion II : Some flour are wheat.

प्रश्न में दो कथन दिये गये हैं जिसके आगे दो निष्कर्ष I और II निकाले गये हैं। आपको मानना है कि दोनों कथन सत्य है चाहे वह सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होते हों। आपको निर्णय करना है की दिए गए निष्कर्षों में से कौन-सा/कौन-से निश्चित रूप से कथन द्वारा सही निकाला जा सकता है/सकते हैं, यदि कोई हो।

कथन 1 : सारा गेहूँ अनाज है।

कथन 2 : कुछ गेहूँ आटा है।

निष्कर्ष I : कुछ अनाज आटा है।

निष्कर्ष II : कुछ आटा गेहूँ है।

Options:

- 1) Only conclusion I follows
केवल निष्कर्ष I सही है
- 2) Only conclusion II follows
केवल निष्कर्ष II सही है
- 3) Both I and II follow
दोनों निष्कर्ष I और II सही है
- 4) Neither I nor II follows
ना तो निष्कर्ष I सही है ना ही निष्कर्ष II

Correct Answer: Both I and II follow

दोनों निष्कर्ष I और II सही है

Candidate Answer: Neither I nor II follows

ना तो निष्कर्ष I सही है ना ही निष्कर्ष II

QID : 118 - In the following question, by using which mathematical operators will the expression become correct?

27 ? 9 ? 18 ? 24 ? 12

निम्नलिखित प्रश्न में, दिए गए विकल्पों में से किन गणितीय संक्रियाओं का प्रयोग करने से दिया गया समीकरण सही हो जाएगा?

27 ? 9 ? 18 ? 24 ? 12

Options:

- 1) \div , $+$, $=$ and $+$
 \div , $+$, $=$ तथा $+$
- 2) \div , \times , $<$ and $+$
 \div , \times , $<$ तथा $+$
- 3) \div , \times , $>$ and $+$
 \div , \times , $>$ तथा $+$
- 4) $+$, \div , $=$ and \div
 $+$, \div , $=$ तथा \div

Correct Answer: \div , \times , $>$ and $+$

\div , \times , $>$ तथा $+$

Candidate Answer: \div , \times , $<$ and $+$

\div , \times , $<$ तथा $+$

QID : 119 - In the following question, select the related word from the given alternatives.

Umbrella : Rain :: Sweater : ?

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

छाता : वर्षा :: स्वेटर : ?

Options:

1) Wool

ऊन

2) Wear

पहनना

3) Summer

ग्रीष्म

4) Cold

ठंड

Correct Answer: Cold

ठंड

Candidate Answer: Cold

ठंड

QID : 120 - In the following question, select the odd letters from the given alternatives.

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

Options:

1) IMOR

2) ORIL

3) UXCF

4) ADWZ

Correct Answer: IMOR

Candidate Answer: IMOR

QID : 121 - In the following question, select the odd number pair from the given alternatives.

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

Options:

1) 1444 – 37

2) 2809 – 54

3) 2209 – 46

4) 6084 – 77

Correct Answer: 2809 – 54

Candidate Answer: [NOT ANSWERED]

QID : 122 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Clamp

2. Cloud

3. Cable

4. Cannal

5. Capricon

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

1. Clamp

2. Cloud

3. Cable

4. Cannal

5. Capricon

Options:

1) 35412

2) 34512

3) 43512

4) 45312

Correct Answer: 34512

Candidate Answer: 34512

QID : 123 - In the following question, select the missing number from the given series.

28, 30, 36, 48, ?, 98, 140

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

28, 30, 36, 48, ?, 98, 140

Options:

- 1) 68
- 2) 65
- 3) 72
- 4) 67

Correct Answer: 68

Candidate Answer: [NOT ANSWERED]

QID : 124 - If $19 + 2 \times 2 + 3 = 369$ and $23 + 2 \times 6 + 2 = 565$, then

$$7 + 3 \times 11 + 3 = ?$$

यदि $19 + 2 \times 2 + 3 = 369$ तथा $23 + 2 \times 6 + 2 = 565$ हो, तो

$$7 + 3 \times 11 + 3 = ?$$

Options:

- 1) 1674
- 2) 1382
- 3) 1268
- 4) 1496

Correct Answer: 1674

Candidate Answer: [NOT ANSWERED]

QID : 125 - In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

a _ c a a b _ a _ b c a a b _ a _ b _ a

निम्नलिखित प्रश्न में अक्षरों का कौन सा समूह खाली स्थानों पर क्रमवार रखने से दी गई अक्षर श्रृंखला को पूरा करेगा?

a _ c a a b _ a _ b c a a b _ a _ b _ a

Options:

- 1) cbacba
- 2) bcacac
- 3) acbaca
- 4) bbacaa

Correct Answer: bcacac

Candidate Answer: bcacac

QID : 126 - For a price taking firm, average revenue is _____ market price.

कीमत-स्वीकारक फर्म की औसत संप्राप्ति बाज़ार कीमत _____ होती है।

Options:

- 1) half of
से आधी
- 2) equal to
के बराबर
- 3) double of
से दुगना
- 4) less than
से कम

Correct Answer: equal to

के बराबर

Candidate Answer: less than

से कम

QID : 127 - The study of individual markets of demand and supply in which the 'players', or the decision makers, were also individuals (buyers or sellers, even companies) who were seen as trying to maximize their profits (as producers or sellers) and their personal satisfaction or welfare levels (as consumers) is called?

मांग और पूर्ति के व्यक्तिगत बाजारों का अध्ययन जिसमें 'आर्थिक भूमिका निभाने वाला' या निर्णयकर्ता भी व्यक्ति होते हैं (खरीदार या विक्रेता कंपनियां भी), जो अपने लाभों को अधिकतम करने की कोशिश करते हैं (जैसे उत्पादक या विक्रेता) और उनकी व्यक्तिगत संतुष्टि या कल्याण का स्तर (उपभोक्ताओं के रूप में) क्या कहलाता है?

Options:

- 1) Macroeconomics
समष्टि अर्थशास्त्र
- 2) Econometrics
अर्थमिति
- 3) Microeconomics
व्यष्टि अर्थशास्त्र
- 4) Heterodox Economics
हेटेरोडॉक्स अर्थशास्त्र

Correct Answer: Microeconomics

व्यष्टि अर्थशास्त्र

Candidate Answer: [NOT ANSWERED]

QID : 128 - In which year was Nationalist Congress Party (NCP) founded?

राष्ट्रवादी कांग्रेस पार्टी (एनसीपी) की स्थापना किस वर्ष में हुई?

Options:

1) 1949

2) 1999

3) 1972

4) 1997

Correct Answer: 1999

Candidate Answer: 1997

QID : 129 - Which Fundamental Right in the Indian Constitution states that every person has the right to practice, profess and propagate the religion of their choice.

भारतीय संविधान के किस मौलिक अधिकार में कहा गया है की प्रत्येक व्यक्ति को अपनी इच्छा का धर्म अपनाने, उसका प्रचार-प्रसार करने का अधिकार है?

Options:

1) Right to Equality

समानता का अधिकार

2) Right to Freedom

स्वतंत्रता का अधिकार

3) Right against Exploitation

शोषण के विरुद्ध अधिकार

4) Right to Freedom of Religion

धार्मिक स्वतंत्रता का अधिकार

Correct Answer: Right to Freedom of Religion

धार्मिक स्वतंत्रता का अधिकार

Candidate Answer: Right to Freedom

स्वतंत्रता का अधिकार

QID : 130 - In 1917, Mahatma Gandhi organised a satyagraha to support the peasants of the Kheda district of _____.

1917 में महात्मा गांधी ने _____ के खेड़ा जिले के किसानों की मदद के लिए सत्याग्रह का आयोजन किया।

Options:

1) Bihar

बिहार

2) Karnataka

कर्नाटक

3) Gujarat

गुजरात

4) West Bengal

पश्चिम बंगाल

Correct Answer: Gujarat

गुजरात

Candidate Answer: Gujarat

गुजरात

QID : 131 - Which queen of the Kakatiya dynasty ruled over Warangal, part of modern Andhra Pradesh?

आधुनिक आंध्रप्रदेश में काकतीय वंश की किस रानी ने वारंगल क्षेत्र पर शासन किया?

Options:

1) Rudramadevi

रूद्रममादेवी

2) Ahilyadevi

अहिल्यादेवी

3) Bhagwati

भागवती

4) Bhanumati

भानुमती

Correct Answer: Rudramadevi

रूद्रममादेवी

Candidate Answer: [NOT ANSWERED]

QID : 132 - On the basis of distribution, resources can be classified into _____?

संसाधनों के वितरण के आधार पर _____ वर्गीकृत हो सकते हैं।

Options:

1) Actual resources

वास्तविक संसाधन

2) Potential resources

संभाव्य संसाधन

3) Ubiquitous resources

सर्वव्यापक संसाधन

4) Abiotic resources

अजैव संसाधन

Correct Answer: Ubiquitous resources

सर्वव्यापक संसाधन

Candidate Answer: Actual resources

वास्तविक संसाधन

QID : 133 - Uranium found in Ladakh is an example of which type of resource?

लद्दाख में पाया जाने वाला यूरेनियम किस संसाधन का एक उदाहरण है?

Options:

- 1) unnatural resources
अप्राकृतिक संसाधन
- 2) Actual resources
वास्तविक संसाधन
- 3) Potential resources
संभाव्य संसाधन
- 4) Biotic resources
जैव संसाधन

Correct Answer: Potential resources
संभाव्य संसाधन

Candidate Answer: Biotic resources
जैव संसाधन

QID : 134 - Which is the longest bone in human body?

मनुष्य के शरीर में सबसे लम्बी हड्डी कौन सी है?

Options:

- 1) febula
फेबुला
- 2) Tibia
टिबीया
- 3) Stapes
स्टेपिस
- 4) Femur
फेमूर

Correct Answer: Femur
फेमूर

Candidate Answer: [NOT ANSWERED]

QID : 135 - Opposite the micropylar end, is the _____, representing the basal part of the ovule.

बीजांडद्वारी सिरे के ठीक विपरीत _____ होता है, जो बीजांड के आधारी भाग का प्रतिनिधित्व करता है।

Options:

- 1) hilum
नाभिका
- 2) funicle
बीजांडवृंत
- 3) chalaza
निभाग
- 4) nucellus
बीजांडकाय

Correct Answer: chalaza
निभाग

Candidate Answer: funicle
बीजांडवृंत

QID : 136 - In unicellular organisms, all functions like digestion, respiration and reproduction are performed by a how many cell(s)?

एकल कोशिकीय प्राणियों में जीवन की समस्त जैविक क्रियाएं जैसे - पाचन, श्वसन और जनन कितनी कोशिका(ओं) द्वारा किए जाते हैं?

Options:

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

Correct Answer: 1

Candidate Answer: 4

QID : 137 - Reflection from a smooth surface like that of a mirror is called _____ reflection.

दर्पण जैसे चिकने पृष्ठ से होने वाले परावर्तन को _____ परावर्तन कहते हैं।

Options:

- 1) regular
नियमित
- 2) irregular
अनियमित
- 3) diffused
विसरित
- 4) fused
संगलित

Correct Answer: regular
नियमित

Candidate Answer: [NOT ANSWERED]

QID : 138 - What is the unit of resistance?

प्रतिरोध को मापने की इकाई क्या है?

Options:

1) ohm

ओह्म

2) farad

फैरड

3) henry

हेनरी

4) weber

वेबर

Correct Answer: ohm

ओह्म

Candidate Answer: ohm

ओह्म

QID : 139 - Which of the following is not among the three different forms of 'if' statement?

निम्नलिखित में से कौन सा 'if' कथन के तीन अलग-अलग प्रकारों में से एक नहीं है?

Options:

1) if...

2) if...else

3) if...and

4) if...else if...else

Correct Answer: if...and

Candidate Answer: if...and

QID : 140 - PET is a very familiar form of _____. It is used for making bottles.

पेट (पीईटी) एक बहुत सुपरिचित प्रकार का _____ है। इसका उपयोग बोतल बनाने के लिए किया जाता है।

Options:

1) Nylon

नाइलॉन

2) Acrylic

एक्रिलिक

3) Polyester

पॉलिएस्टर

4) Rayon

रेयॉन

Correct Answer: Polyester

पॉलिएस्टर

Candidate Answer: Acrylic

एक्रिलिक

QID : 141 - Which of the following gases is heavier than oxygen?

निम्नलिखित में से कौन सी गैस ऑक्सीजन से भारी होती है?

Options:

1) Carbon dioxide

कार्बन डाईऑक्साइड

2) Ammonia

अमोनिया

3) Methane

मीथेन

4) Helium

हीलियम

Correct Answer: Carbon dioxide

कार्बन डाईऑक्साइड

Candidate Answer: Carbon dioxide

कार्बन डाईऑक्साइड

QID : 142 - In India, the Air (Prevention and Control of Pollution) Act came into force in 1981, but was amended in _____ to include noise as an air pollutant.

भारत में वायु प्रदूषण निरोध एवं नियंत्रण अधिनियम 1981 में लागू हुआ, लेकिन इसमें _____ में संशोधन कर शोर को वायु प्रदूषण के रूप में सम्मिलित किया गया।

Options:

1) 1987

2) 1997

3) 2007

4) 2017

Correct Answer: 1987

Candidate Answer: 2007

QID : 143 - In April 2017, Prime Minister Narendra Modi inaugurated phase-I (Link-2) pipeline canal of the ambitious Saurashtra Narmada Avtaran Irrigation (SAUNI) in which state?

अप्रैल 2017 में, प्रधान मंत्री नरेन्द्र मोदी ने किस राज्य में महत्वाकांक्षी सौराष्ट्र नर्मदा अवतारण सिंचाई (एसएनआई) की पाइपलाइन नहर के प्रथम चरण (लिंक-2) का उद्घाटन किया?

Options:

1) Rajasthan

राजस्थान

2) Uttar Pradesh

उत्तर प्रदेश

3) Gujarat

गुजरात

4) Madhya Pradesh

मध्य प्रदेश

Correct Answer: Gujarat

गुजरात

Candidate Answer: Rajasthan

राजस्थान

QID : 144 - Who invented the vacuum pump?

निर्वात पंप का आविष्कार किसने किया?

Options:

1) Otto von Guericke

ऑट्टो वोन गेरिक

2) Cai Lun

की लुन

3) Melitta Bentz

मेलीटा बेन्ज़

4) William Henry Fox Talbot

विलियम हेनरी फॉक्स टैलबोट

Correct Answer: Otto von Guericke

ऑट्टो वोन गेरिक

Candidate Answer: Melitta Bentz

मेलीटा बेन्ज़

QID : 145 - Who was the winner of 2017 Australian Grand Prix?

2017 ऑस्ट्रेलियन ग्रांड प्रीक्स का विजेता कौन था?

Options:

1) Sebastian Vettel

सेबेस्टियन वेटेल

2) Lewis Hamilton

लुईस हैमिल्टन

3) Valtteri Bottas

वाल्टेरी बोतास

4) Kimi Raikkonen

किमी राइकोनेन

Correct Answer: Sebastian Vettel

सेबेस्टियन वेटेल

Candidate Answer: [NOT ANSWERED]

QID : 146 - Sanchi Stupa was built by?

सांची का स्तूप का निर्माण किसने किया था?

Options:

1) Akbar

अकबर

2) Humayun

हुमायूँ

3) Ashoka

अशोक

4) Narasimha

नरसिंह

Correct Answer: Ashoka

अशोक

Candidate Answer: Narasimha

नरसिंह

QID : 147 - Who won the Best Actress in a Leading Role in 62nd Filmfare Awards 2017?

किसे मुख्य भूमिका के लिए सर्वश्रेष्ठ अभिनेत्री के लिए 62 वां फिल्मफेयर पुरस्कार 2017 मिला है?

Options:

1) Priyanka Chopra

प्रियंका चौपड़ा

2) Deepika Padukone

दीपिका पादुकोण

3) Alia Bhatt

आलिया भट्ट

4) Katrina Kaif

कैटरीना कैफ़

Correct Answer: Alia Bhatt

आलिया भट्ट

Candidate Answer: [NOT ANSWERED]

QID : 148 - A] The author of the novel 'The Grapes of Wrath' is Ayn Rand.

B] The author of the novel 'The Fountainhead' is John Steinbeck.

C] The author of the novel 'Ancillary Justice' is Ann Leckie.

Which of the statements given above are not correct?

अ] उपन्यास "द ग्रेप्स ऑफ़ रैथ" के लेखक एयन रैण्ड हैं।

ब] उपन्यास "द फाउंटेनहेड" के लेखक जॉन स्टेबेक हैं।

स] उपन्यास "एंसिलरी जस्टिस" के लेखक ऐन लेकी हैं।

उपरोक्त में से कौन से कथन सही नहीं है?

Options:

1) A and B

अ और ब

2) B and C

ब और स

3) A and C

अ और स

4) A, B and C

अ, ब और स

Correct Answer: A and B

अ और ब

Candidate Answer: [NOT ANSWERED]

QID : 149 - In which city was Ariana Grande performing in when her concert was hit by a terrorist attack in May 2017?

मई 2017 में एरियाना ग्रांडे का प्रदर्शन किस शहर में चल रहा था, जब उसके संगीत कार्यक्रम पर आतंकवादी हमला हुआ था?

Options:

1) Manchester

मैनचेस्टर

2) Birmingham

बर्मिंघम

3) Liverpool

लिवरपूल

4) London

लंडन

Correct Answer: Manchester

मैनचेस्टर

Candidate Answer: [NOT ANSWERED]

QID : 150 - The Indian State of Sikkim does not share a border with which neighbouring country?

भारतीय राज्य सिक्किम किस देशों के साथ अपनी सीमा को साझा नहीं करता?

Options:

1) Nepal

नेपाल

2) Bangladesh

बांग्लादेश

3) Bhutan

भूटान

4) China

चीन

Correct Answer: Bangladesh

बांग्लादेश

Candidate Answer: China

चीन

QID : 151 - What is the remainder when 6910 is divided by 81?

जब 6910 को 81 द्वारा विभाजित किया जाता है, तब अवशिष्ट क्या होता है?

Options:

1) 25

2) 23

3) 21

4) 19

Correct Answer: 25

Candidate Answer: 25

QID : 152 - A can do 75% of a job in 18 days and B can do 25% of the job in 12 days. If they work on it together, in how many days can they do 75% of the job?

A एक काम का 75%, 18 दिनों में पूरा कर सकता है और B एक काम का 25%, 12 दिनों में पूरा कर सकता है। यदि वे एक साथ मिलकर काम करते हैं तो काम का 75% करने में कितने दिन लगेंगे?

Options:

1) 16

2) 8

3) 20

4) 12

Correct Answer: 12

Candidate Answer: 12

QID : 153 - Area of 4 walls of a cuboid is 57 sq m, if its length is 5.5 m and height is 3 m. What is its breadth (in m)?

एक आयतफलकी की चारों दीवारों का क्षेत्रफल 816 वर्ग मीटर है। इसकी लंबाई 18 मीटर और ऊंचाई 12 मीटर है। इसकी चौड़ाई (मीटर में) क्या है?

Options:

- 1) 4.5
- 2) 4
- 3) 3
- 4) 3.5

Correct Answer: 4

Candidate Answer: 4

QID : 154 - At 30% discount the selling price of an article is Rs 1050. What is the selling price (in Rs) if the discount is 15%?

30% छूट पर एक वस्तु का बिक्री मूल्य 1050 रु है। यदि छूट 15% है तो बिक्री मूल्य (रु में) क्या है?

Options:

- 1) 1200
- 2) 1175
- 3) 1100
- 4) 1275

Correct Answer: 1275

Candidate Answer: 1275

QID : 155 - What is the fourth proportional to 336, 288 and 161?

336, 288 और 161 का चतुर्थानुपातिक क्या है?

Options:

- 1) 184
- 2) 115
- 3) 138
- 4) 134

Correct Answer: 138

Candidate Answer: 138

QID : 156 - What is the average of all numbers between 9 and 90 which are divisible by 8?

9 और 90 के बीच सभी संख्याओं का औसत क्या है जो 8 से भाज्य हों?

Options:

- 1) 53
- 2) 52
- 3) 51
- 4) 50

Correct Answer: 52

Candidate Answer: 52

QID : 157 - A trader had 630 kgs of rice. He sold a part of it at 15% profit and the rest at 8% profit, so that he made a total profit of 12%. How much rice (in kgs) did he sell at 8% profit?

एक व्यापारी के पास 630 किलोग्राम चावल थे। उसने इसका एक हिस्सा 15% लाभ और बाकी को 8% लाभ के साथ बेच दिया, ताकि उसे कुल 12% का मुनाफा हो। उसने 8% लाभ पर कितना चावल (किलोग्राम में) बेचा?

Options:

- 1) 270
- 2) 300
- 3) 280
- 4) 290

Correct Answer: 270

Candidate Answer: 270

QID : 158 - 50% of a = b, then b% of 40 is the same as _____ of a.

a का 50% = b है, तो 40 का b%, a का _____ समान होगा।

Options:

- 1) 0.25
- 2) 0.16
- 3) 2
- 4) 0.2

Correct Answer: 0.2

Candidate Answer: 2

QID : 159 - Excluding stoppages, the speed of a train is 120 kmph and including stoppages, it is 50 kmph. For how many minutes does the train stop per hour?

रुकने वाले स्थानों को छोड़कर, ट्रेन की गति 120 किलोमीटर प्रति घंटा है और रुकने वाले स्थानों सहित, यह 50 किलोमीटर प्रति घंटा है। ट्रेन प्रत्येक घंटे कितने मिनट के लिए रूकती है?

Options:

- 1) 25
- 2) 40
- 3) 35
- 4) 20

Correct Answer: 35

Candidate Answer: 25

QID : 160 - The simple and compound interest that can be earned in two years at the same rate is Rs 4000 and Rs 4180 respectively. What is the rate (percent per annum) of interest?

दो वर्षों में समान दर पर अर्जित हो सकने वाले साधारण और चक्रवृद्धि ब्याज क्रमशः 4000 रु और 4180 रु है। ब्याज दर (% प्रति वर्ष) कितनी है?

Options:

- 1) 18
- 2) 4.5
- 3) 9
- 4) 12

Correct Answer: 9

Candidate Answer: 9

QID : 161 - If $2x/3 - [5(4x/5 - 4/3)]/2 = 1/3$, then what is the value of x?

यदि $2x/3 - [5(4x/5 - 4/3)]/2 = 1/3$ है, तो x का मान क्या है?

Options:

- 1) 9/4
- 2) 4/9
- 3) -9/4
- 4) -4/9

Correct Answer: 9/4

Candidate Answer: -9/4

QID : 162 - If $a^3 + b^3 = 28$ and $a + b = 4$, then what is the value of ab?

यदि $a^3 + b^3 = 28$ और $a + b = 4$ है, तो ab का मान क्या है?

Options:

- 1) -3
- 2) 2
- 3) 8
- 4) 3

Correct Answer: 3

Candidate Answer: 3

QID : 163 - 6 times a fraction is greater than 7 times its reciprocal by 11. What is the fraction?

एक भिन्न का 6 गुणा उस भिन्न के व्युत्क्रम के सात गुणा से 11 बड़ा है। वह भिन्न क्या है?

Options:

- 1) 5/3
- 2) 7/3
- 3) 5/4
- 4) 4/5

Correct Answer: 7/3

Candidate Answer: 7/3

QID : 164 - What is the sum of the first 11 terms of an arithmetic progression if the first term is -31 and last term is 29?

समांतर श्रेणी के पहले 11 पदों का योग क्या है यदि पहला पद -31 है और अंतिम पद 29 है?

Options:

- 1) 42
- 2) -11
- 3) 28
- 4) 12

Correct Answer: -11

Candidate Answer: [NOT ANSWERED]

QID : 165 - What is the reflection of the point (-1 , 5) in the line $x = 1$?

रेखा $x = 1$ में बिंदु (-1 , 5) का प्रतिबिंब क्या है?

Options:

- 1) (3 , -5)
- 2) (-3 , -5)
- 3) (3 , 5)
- 4) (-3 , 5)

Correct Answer: (3 , 5)

Candidate Answer: (3 , -5)

QID : 166 - What are the co-ordinates of the centroid of a triangle, whose vertices are A(1, -5), B(-4, 0) and C(3, -4)?

त्रिभुज के केंद्रक के निर्देशांक क्या है, जिसके कोने A(1, -5), B(-4, 0) और C(3, -4) है?

Options:

- 1) (0, 3)
- 2) (0, -3)
- 3) (0, -5)
- 4) (0, 5)

Correct Answer: (0, -3)

Candidate Answer: [NOT ANSWERED]

QID : 167 - Slope of the line AB is $\frac{4}{3}$. Co-ordinates of points A and B are $(x, -5)$ and $(2, -3)$ respectively. What is the value of x ?

रेखा AB की ढलान $\frac{4}{3}$ है। बिंदुओं A और B के निर्देशांक क्रमशः $(x, -5)$ और $(2, -3)$ हैं। x का मान क्या है?

Options:

- 1) $\frac{1}{2}$
- 2) $-\frac{1}{4}$
- 3) 4
- 4) -4

Correct Answer: $\frac{1}{2}$

Candidate Answer: [NOT ANSWERED]

QID : 168 - D and E are points on side AB and AC of $\triangle ABC$. DE is parallel to BC. If $AD:DB = 1:4$ and area of $\triangle ADE$ is 6 sq cm, what is the ratio of area of $\triangle ADE$: area of quadrilateral BDEC?

$\triangle ABC$ की भुजाओं AB और AC पर D और E बिंदु हैं। DE, BC के समांतर है। यदि $AD:DB = 1:4$ और $\triangle ADE$ का क्षेत्रफल 6 वर्ग से.मी. है, तो $\triangle ADE$ के क्षेत्रफल: चतुर्भुज BDEC के क्षेत्रफल का अनुपात क्या है?

Options:

- 1) 1:12
- 2) 1:6
- 3) 1:16
- 4) 1:24

Correct Answer: 1:24

Candidate Answer: 1:6

QID : 169 - What is the value of $\frac{1}{\sqrt{2}} \cot 30^\circ + \frac{1}{\sqrt{3}} \operatorname{cosec} 60^\circ$?

$\frac{1}{\sqrt{2}} \cot 30^\circ + \frac{1}{\sqrt{3}} \operatorname{cosec} 60^\circ$ का मान क्या है?

Options:

- 1) $(3\sqrt{3} + 2\sqrt{2})/3\sqrt{2}$
- 2) $(3\sqrt{3} - 2\sqrt{2})/3\sqrt{2}$
- 3) $(3\sqrt{3} + 2\sqrt{2})/\sqrt{2}$
- 4) $(3\sqrt{3} - 2\sqrt{2})/\sqrt{2}$

Correct Answer: $(3\sqrt{3} + 2\sqrt{2})/3\sqrt{2}$

Candidate Answer: [NOT ANSWERED]

QID : 170 - $\triangle ABC$ is right angled at B. If $m\angle A = 60^\circ$, then what is the value of $2 \sec C \times \frac{1}{2} \sin A$?

$\triangle ABC$ B पर समकोण है। यदि $m\angle A = 60^\circ$ है, तो $2 \sec C \times \frac{1}{2} \sin A$ का मान क्या होगा?

Options:

- 1) $\frac{1}{2}$
- 2) $\frac{1}{3}$
- 3) 1
- 4) $\frac{1}{\sqrt{2}}$

Correct Answer: 1

Candidate Answer: $\frac{1}{2}$

QID : 171 - If $\tan \theta = \frac{7}{24}$, then what is the value of $\operatorname{cosec} \theta$?

यदि $\tan \theta = \frac{7}{24}$ है, तो $\operatorname{cosec} \theta$ का मान क्या है?

Options:

- 1) $\frac{25}{24}$
- 2) $\frac{25}{7}$
- 3) $\frac{24}{7}$
- 4) $\frac{24}{25}$

Correct Answer: $\frac{25}{7}$

Candidate Answer: $\frac{25}{7}$

QID : 172 - If $27N4$ is divisible by 11, then what is the value of N ?

यदि $27N4$, 11 से विभाजित होता है, तो N का मान क्या है?

Options:

- 1) 2
- 2) 7
- 3) 9
- 4) 6

Correct Answer: 9

Candidate Answer: 9

QID : 173 - A watch having marked price as Rs 8400 is sold for Rs 5040 after two successive discounts. If the first discount is 25% then what is the second discount percentage?

एक घड़ी जिसका अंकित मूल्य 8400 रु. है, दो क्रमिक छूट के बाद 5040 रु. में बेची जाती है। यदि पहली छूट 25 प्रतिशत की है, तो दूसरी छूट कितने प्रतिशत की है?

Options:

- 1) 0.15
- 2) 0.2
- 3) 0.25
- 4) 0.3

Correct Answer: 0.2

Candidate Answer: 0.2

QID : 174 - If $P : Q : R = 2 : 3 : 5$, then what is the value of $(P + Q) : (Q + R) : (R + P)$?

यदि $P : Q : R = 2 : 3 : 5$ हो, तो $(P + Q) : (Q + R) : (R + P)$ का मान क्या है?

Options:

- 1) 5:8:7
- 2) 2:3:5
- 3) 5:8:10
- 4) 4:9:25

Correct Answer: 5:8:7

Candidate Answer: 5:8:7

QID : 175 - Average age of 20 students is 21 years. 2 students leave the group and 1 new student joins the group. The average now becomes 20 years. If age of one of the student who left the group is 26 years and the one who joined is 20 years, then what is the age (in years) of the other student who left the group?

20 छात्रों की औसत आयु 21 वर्ष है। 2 छात्र समूह छोड़कर जले जाते हैं तथा 1 नया छात्र समूह में जुड़ जाता है। औसत अब 20 वर्ष हो जाती है। यदि छोड़कर जाने वालों में से एक छात्र की आयु 26 वर्ष है तथा जो एक समूह से जुड़ा है उसकी आयु 20 वर्ष है, तो समूह छोड़ने वाले दूसरे छात्र की आयु (वर्षों में) क्या है?

Options:

- 1) 20
- 2) 14
- 3) 22
- 4) 16

Correct Answer: 14

Candidate Answer: 20

QID : 176 - 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'.

Not too long then, the (1)/ lodge was the only (2)/ place to stay here. (3)/No Error (4)

Options:

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

Correct Answer: 1

Candidate Answer: [NOT ANSWERED]

QID : 177 - 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'.

He was able to put (1)/ pen of paper only (2)/ much later. (3)/No Error (4)

Options:

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

Correct Answer: 2

Candidate Answer: 2

QID : 178 - 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.

I sensed the _____ of the argument.

Options:

- 1) beautiful
- 2) beautifully
- 3) beauty
- 4) beautification

Correct Answer: beauty

Candidate Answer: [NOT ANSWERED]

QID : 179 - 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.

The beans are _____ turned to avoid burning.

Options:

- 1) constant
- 2) constants
- 3) constantly
- 4) constantedly

Correct Answer: constantly

Candidate Answer: [NOT ANSWERED]

QID : 180 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Drivel

Options:

- 1) Intelligent
- 2) Blather
- 3) Judicious
- 4) Sane

Correct Answer: Blather

Candidate Answer: [NOT ANSWERED]

QID : 181 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Perseverance

Options:

- 1) Endurance
- 2) Cowardice
- 3) Lethargy
- 4) Indolence

Correct Answer: Endurance

Candidate Answer: [NOT ANSWERED]

QID : 182 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Hazardous

Options:

- 1) Perilous
- 2) Precarious
- 3) Dicey
- 4) Secure

Correct Answer: Secure

Candidate Answer: [NOT ANSWERED]

QID : 183 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Advocacy

Options:

- 1) Discouragement
- 2) Advancement
- 3) Assistance
- 4) Backing

Correct Answer: Discouragement

Candidate Answer: [NOT ANSWERED]

QID : 184 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Put one's foot down

Options:

- 1) Give up easily without a fight
- 2) Learn to dance inspite of being clumsy
- 3) Adopt a firm policy when faced with opposition or disobedience
- 4) Take the first step of a very long difficult journey

Correct Answer: Adopt a firm policy when faced with opposition or disobedience

Candidate Answer: [NOT ANSWERED]

QID : 185 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Whistle in the dark

Options:

- 1) Pretend to be unafraid
- 2) A ray of hope in the worst of times
- 3) See a ghost while dreaming
- 4) Be blind and fall into a trap

Correct Answer: Pretend to be unafraid

Candidate Answer: [NOT ANSWERED]

QID : 186 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

I **(am always wondered)** what it would be like to be inside a chocolate factory.

Options:

- 1) have always wonder
- 2) have always wondering
- 3) have always wondered
- 4) No improvement

Correct Answer: have always wondered

Candidate Answer: [NOT ANSWERED]

QID : 187 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

They loaded their ships with spices and silks and **(returns)** with the summer monsoon.

Options:

- 1) returned
- 2) return
- 3) returning
- 4) No improvement

Correct Answer: returned

Candidate Answer: return

QID : 188 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Diminish in value over a period of time

Options:

- 1) Escalate
- 2) Augment
- 3) Aggrandise
- 4) Depreciate

Correct Answer: Depreciate

Candidate Answer: [NOT ANSWERED]

QID : 189 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Not able to produce children

Options:

- 1) Gravid
- 2) Hebetic
- 3) Fecund
- 4) Sterile

Correct Answer: Sterile

Candidate Answer: [NOT ANSWERED]

QID : 190 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

- 1) loopholes
- 2) lupholes
- 3) looppholes
- 4) luppholes

Correct Answer: loopholes

Candidate Answer: [NOT ANSWERED]

QID : 191 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

- 1) wherefor
- 2) wharefore
- 3) wharefor
- 4) wherefore

Correct Answer: wherefore

Candidate Answer: wherefor

QID : 192 - 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.

He does not mean

X-when he denies that it is causal

Y-to indicate that the relation

Z-is any the less uniform or dependable

Options:

- 1) YXZ
- 2) YZX
- 3) XZY
- 4) XYZ

Correct Answer: YZX

Candidate Answer: [NOT ANSWERED]

QID : 193 - 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.

Not only people have buying

X-environment and health

Y-capacity in the city, people here are

Z-also quite concerned about

Options:

- 1) YXZ
- 2) YZX
- 3) XZY
- 4) XYZ

Correct Answer: YZX

Candidate Answer: [NOT ANSWERED]

QID : 194 - In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

The director will give you instructions.

Options:

- 1) Instructions shall be given to you by the director.
- 2) You will get instructions from the director.
- 3) You shall get instructions from the director.
- 4) Instructions will be given to you by the director.

Correct Answer: Instructions will be given to you by the director.

Candidate Answer: Instructions will be given to you by the director.

QID : 195 - 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.

"What makes you so sad?" she asked Manoj.

Options:

- 1) She asked Manoj what makes him so sad.
- 2) She asks Manoj what made him so sad.
- 3) She asked Manoj what made him so sad.
- 4) She asks Manoj what makes him so sad.

Correct Answer: She asked Manoj what made him so sad.

Candidate Answer: She asked Manoj what makes him so sad.

QID : 196 - 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.

The quest to find life outside the solar system got a big boost with the discovery of seven Earth-size extra-solar planets, or exoplanets, orbiting a dwarf star about 40 light years away. Unlike earlier discoveries of exoplanets, all seven planets could possibly have liquid water — a key to life as we know it on Earth — with three planets having the greatest chance. This is by far the largest collection of Earth-like planets in the habitable 'Goldilocks' zone of a star — neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface. Only Earth has liquid water in the solar system. Since the dwarf star is much cooler than the Sun, the dimming of light each time a planet passes or transits before the star could be easily recorded from Earth unlike in cases when planets transit a Sun-like bright star. Since the initial discovery of three planets was made using the Chile-based Transiting Planets and Planetesimals Small Telescope, the exoplanet system is called TRAPPIST-1.

The telescope TRAPPIST is in which country?

Options:

- 1) Venezuela
- 2) Argentina
- 3) Chile
- 4) Mexico

Correct Answer: Chile

Candidate Answer: [NOT ANSWERED]

QID : 197 - 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.

The quest to find life outside the solar system got a big boost with the discovery of seven Earth-size extra-solar planets, or exoplanets, orbiting a dwarf star about 40 light years away. Unlike earlier discoveries of exoplanets, all seven planets could possibly have liquid water — a key to life as we know it on Earth — with three planets having the greatest chance. This is by far the largest collection of Earth-like planets in the habitable 'Goldilocks' zone of a star — neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface. Only Earth has liquid water in the solar system. Since the dwarf star is much cooler than the Sun, the dimming of light each time a planet passes or transits before the star could be easily recorded from Earth unlike in cases when planets transit a Sun-like bright star. Since the initial discovery of three planets was made using the Chile-based Transiting Planets and Planetesimals Small Telescope, the exoplanet system is called TRAPPIST-1.

What is essential to have the possibility of life on a planet?

Options:

- 1) Presence of atmosphere
- 2) Presence of gravity
- 3) Presence of sunlight
- 4) Presence of liquid water

Correct Answer: Presence of liquid water

Candidate Answer: Presence of liquid water

QID : 198 - 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.

The quest to find life outside the solar system got a big boost with the discovery of seven Earth-size extra-solar planets, or exoplanets, orbiting a dwarf star about 40 light years away. Unlike earlier discoveries of exoplanets, all seven planets could possibly have liquid water — a key to life as we know it on Earth — with three planets having the greatest chance. This is by far the largest collection of Earth-like planets in the habitable 'Goldilocks' zone of a star — neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface. Only Earth has liquid water in the solar system. Since the dwarf star is much cooler than the Sun, the dimming of light each time a planet passes or transits before the star could be easily recorded from Earth unlike in cases when planets transit a Sun-like bright star. Since the initial discovery of three planets was made using the Chile-based Transiting Planets and Planetesimals Small Telescope, the exoplanet system is called TRAPPIST-1.

What is the 'Goldilocks' zone?

Options:

- 1) It is a mythological place about stars and planets
- 2) That place on a planet which has lowest possibility of liquid water.
- 3) The correct distance of a planet from its star to have possibility of having liquid water
- 4) That place on a planet which has the right amount of sunlight

Correct Answer: The correct distance of a planet from its star to have possibility of having liquid water

Candidate Answer: [NOT ANSWERED]

QID : 199 - 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.

The quest to find life outside the solar system got a big boost with the discovery of seven Earth-size extra-solar planets, or exoplanets, orbiting a dwarf star about 40 light years away. Unlike earlier discoveries of exoplanets, all seven planets could possibly have liquid water — a key to life as we know it on Earth — with three planets having the greatest chance. This is by far the largest collection of Earth-like planets in the habitable 'Goldilocks' zone of a star — neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface. Only Earth has liquid water in the solar system. Since the dwarf star is much cooler than the Sun, the dimming of light each time a planet passes or transits before the star could be easily recorded from Earth unlike in cases when planets transit a Sun-like bright star. Since the initial discovery of three planets was made using the Chile-based Transiting Planets and Planetesimals Small Telescope, the exoplanet system is called TRAPPIST-1.

What made it easier to record the passage of the planet in front of the star?

Options:

- 1) The fact that the star is much smaller and cooler than our Sun
- 2) The fact that the star is much bigger and cooler than our Sun
- 3) The fact that the star is much smaller and hotter than our Sun
- 4) The fact that the star is much bigger and hotter than our Sun

Correct Answer: The fact that the star is much smaller and cooler than our Sun

Candidate Answer: [NOT ANSWERED]

QID : 200 - 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.

The quest to find life outside the solar system got a big boost with the discovery of seven Earth-size extra-solar planets, or exoplanets, orbiting a dwarf star about 40 light years away. Unlike earlier discoveries of exoplanets, all seven planets could possibly have liquid water — a key to life as we know it on Earth — with three planets having the greatest chance. This is by far the largest collection of Earth-like planets in the habitable 'Goldilocks' zone of a star — neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface. Only Earth has liquid water in the solar system. Since the dwarf star is much cooler than the Sun, the dimming of light each time a planet passes or transits before the star could be easily recorded from Earth unlike in cases when planets transit a Sun-like bright star. Since the initial discovery of three planets was made using the Chile-based Transiting Planets and Planetesimals Small Telescope, the exoplanet system is called TRAPPIST-1.

How many planets in our solar system have liquid water?

Options:

- 1) Two
- 2) Three
- 3) One
- 4) Four

Correct Answer: One

Candidate Answer: One