

Q.11 उस समबाहु त्रिभुज की ऊँचाई (cm में) क्या है, जिसकी प्रत्येक भुजा की लंबाई 8 cm है?

Ans 1. $4\sqrt{2}$

2. $4\sqrt{3}$

3. $3\sqrt{2}$

4. $3\sqrt{5}$

Question ID : 65497842025

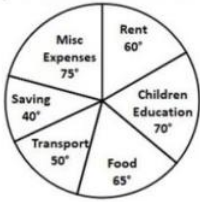
Status : Answered

Chosen Option : 2

Q.12 निम्नांकित पाई चार्ट में एक परिवार का विभिन्न मदों पर होने वाला मासिक व्यय दर्शाया गया है। परिवार हर महीने ₹1,08,000 कमाता है।

विविध (misc) पर खर्च किया गया व्यय, बच्चों की शिक्षा (children education) पर खर्च किए गए व्यय से कितना (₹ में) अधिक है?

विभिन्न मदों पर होने वाला व्यय



Ans 1. 1,500

2. 1,800

3. 1,200

4. 1,350

Question ID : 65497843647

Status : Answered

Chosen Option : 1

Q.13 किसी वस्तु को ₹832 में बेचने पर अर्जित लाभ, उस वस्तु को ₹448 में बेचने पर हुई हानि के बराबर है। यदि वस्तु को 10% हानि पर बेचा जाता है तो उसका विक्रय मूल्य क्या होगा?

Ans 1. ₹576

2. ₹640

3. ₹625

4. ₹540

Question ID : 65497844439

Status : Answered

Chosen Option : 1

Q.14 निम्नलिखित व्यंजक का मान ज्ञात कीजिए:

$$\frac{(a^2 - 4b^2)^3 + 64(b^2 - 4c^2)^3 + (16c^2 - a^2)^3}{(a - 2b)^3 + (2b - 4c)^3 + (4c - a)^3}$$

- Ans
- 1. $4(a + 2b)(b + 2c)(4c + a)$
 - 2. $-(a + 2b)(b + 2c)(4c + a)$
 - 3. $2(a + 2b)(b + 2c)(4c + a)$
 - 4. $(a + 2b)(b + 2c)(4c + a)$

Question ID : 65497842022

Status : Answered

Chosen Option : 4

Q.15 एक क्रिकेट खेल के पहले 10 ओवरों में रन रेट केवल 7.2 था। 272 रन के लक्ष्य तक पहुंचने के लिए शेष 40 ओवरों में औसत रन रेट क्या होना चाहिए?

- Ans
- 1. 7
 - 2. 4
 - 3. 6
 - 4. 5

Question ID : 65497844133

Status : Answered

Chosen Option : 4

Q.16 एक उर्ध्वाधर खंभा और एक उर्ध्वाधर मीनार समतल जमीन पर इस प्रकार स्थित हैं कि खंभे के शीर्ष से मीनार के शिखर का उन्नयन कोण 60° तथा मीनार के तल का अवनमन कोण 30° है। यदि मीनार की ऊंचाई 76 m है, तो खंभे की ऊंचाई (m) में ज्ञात कीजिए।

- Ans
- 1. $19\sqrt{3}$
 - 2. 57
 - 3. 19
 - 4. 38

Question ID : 65497843645

Status : Answered

Chosen Option : 3

Q.17 500 से 650 तक (दोनों को सम्मिलित करते हुए) ऐसी कितनी संख्याएं हैं जो 3 और 7 दोनों से विभाज्य नहीं हैं?

- Ans
- ✓ 1. 87
 - ✗ 2. 121
 - ✗ 3. 21
 - ✗ 4. 99

Question ID : 65497843524
Status : Answered
Chosen Option : 1

Q.18 चक्रवृद्धि व्याज पर निवेश की गई एक राशि पर 3 वर्षों में प्राप्त मिश्रधन ₹7,800 और 5 वर्षों में प्राप्त मिश्रधन ₹11,232 है। प्रतिशत व्याज दर ज्ञात कीजिए।

- Ans
- ✓ 1. 20%
 - ✗ 2. 15%
 - ✗ 3. 18%
 - ✗ 4. 26%

Question ID : 65497843128
Status : Answered
Chosen Option : 3

Q.19 एक वर्गाकार मैदान के चारों ओर रास्ते की चौड़ाई 4.5 m है और इसका क्षेत्रफल 105.75 m^2 है। ₹100 प्रति मीटर की दर से रास्ते पर बाड़ लगाने का व्यय ज्ञात कीजिए।

- Ans
- ✗ 1. ₹275
 - ✗ 2. ₹400
 - ✗ 3. ₹600
 - ✓ 4. ₹550

Question ID : 65497844141
Status : Answered
Chosen Option : 4

Q.20 23 m लंबा खंभा, एक खिड़की, जो गली के एक तरफ भू-तल से $3\sqrt{5} \text{ m}$ ऊपर स्थित है तक पहुंचता है। खंभे के पाद को समान बिंदु पर रखते हुए, गली के दूसरी ओर $4\sqrt{15} \text{ m}$ ऊपर स्थित खिड़की तक पहुंचाने के लिए घुमाया जाता है। सड़क की चौड़ाई (m में) कितनी है?

- Ans
- ✗ 1. 35
 - ✗ 2. 22
 - ✓ 3. 39
 - ✗ 4. 17

Question ID : 65497844450
Status : Answered
Chosen Option : 2

Q.21 केंद्र O वाले एक वृत्त में, जीवाएं PR और QS, आगे बढ़ाए जाने पर बिंदु T पर मिलती हैं और PQ वृत्त का व्यास है। यदि $\angle ROS = 42^\circ$ है, तो $\angle PTQ$ का माप कितना है?

- Ans
- 1. 59°
 - 2. 48°
 - 3. 69°
 - 4. 58°

Question ID : 65497843539
Status : Answered
Chosen Option : 4

Q.22 एक मिश्र धातु में 40% चांदी, 30% तांबा और 30% निकिल है। 25 kg मिश्र धातु में कितनी चांदी (kg में) मिश्रित की जानी चाहिए ताकि नए मिश्र धातु में 50% चांदी हो जाए?

- Ans
- 1. 5
 - 2. 20
 - 3. 12
 - 4. 10

Question ID : 65497843529
Status : Answered
Chosen Option : 4

Q.23 X, Y और Z एक काम को क्रमशः 46 दिन, 92 दिन और 23 दिन में पूरा कर सकते हैं। X ने काम शुरू किया। Y, 2 दिनों के बाद उसके साथ जुड़ गया। यदि Z प्रारंभ से 8 दिनों के बाद उनके साथ जुड़ता है, तो X ने कितने दिनों तक काम किया?

- Ans
- 1. 18
 - 2. 16
 - 3. 21
 - 4. 13

Question ID : 65497844442
Status : Answered
Chosen Option : 2

Q.24 A, B और C ने साझेदारी में एक व्यवसाय शुरू किया। शुरू में, A ने ₹29,000 का निवेश किया, जबकि B और C, प्रत्येक ने ₹25,000 का निवेश किया। 4 महीने बाद, A ने ₹3,000 निकाल लिए। इसके 2 महीने बाद, C ने ₹12,000 और निवेश किए। वर्ष के अंत में ₹33,200 के लाभ में से C (₹ में) का हिस्सा ज्ञात कीजिए।

- Ans
- 1. 11,067
 - 2. 12,400
 - 3. 10,000
 - 4. 10,800

Question ID : 65497842016
Status : Answered
Chosen Option : 4

Q.25 20 cm व्यास वाले एक वृत्त का केंद्र O है। T वृत्त के बाहर स्थित एक बिंदु है और TA वृत्त की स्पर्श रेखा है। यदि OT = 26 cm है, तो स्पर्शरेखा TA की लंबाई (cm में) कितनी है?

- Ans**
- 1. 24
 - 2. 26
 - 3. 18
 - 4. 20

Question ID : 65497843134
Status : Answered
Chosen Option : 1

Section : English Comprehension

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The first meeting of the Standing Committee will be hold next week.

- Ans**
- 1. No substitution required
 - 2. will be held next week
 - 3. will be holding next week
 - 4. will held next week

Question ID : 65497843562
Status : Answered
Chosen Option : 2

Q.2 Select the INCORRECTLY spelt word.

- Ans**
- 1. Retrieve
 - 2. Return
 - 3. Retort
 - 4. Revange

Question ID : 65497842058
Status : Answered
Chosen Option : 4

Q.3 Select the most appropriate ANTONYM of the given word.

Tenacious

- Ans**
- 1. Relentless
 - 2. Persistent
 - 3. Yielding
 - 4. Steadfast

Question ID : 65497843164
Status : Answered
Chosen Option : 3

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Do you / recall to meet / her at the party / last night?

- Ans
- 1. last night
 - 2. Do you
 - 3. recall to meet
 - 4. her at the party

Question ID : 65497843148
Status : Answered
Chosen Option : 2

Q.5 Select the option that expresses the given sentence in passive voice.

Give the child a nourishing diet.

- Ans
- 1. The child is given a nourishing diet.
 - 2. The child must have given a nourishing diet.
 - 3. The child should be given a nourishing diet.
 - 4. The child was given a nourishing diet.

Question ID : 65497842039
Status : Answered
Chosen Option : 1

Q.6 Select the most appropriate synonym of the given word.

Taciturn

- Ans
- 1. Verbose
 - 2. Reserved
 - 3. Lively
 - 4. Noisy

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Question ID : 65497842051
Status : Answered
Chosen Option : 2

Q.7 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Of the two plans submitted by the architect, this is the one more likely to be accepted.

- Ans
- 1. most likely
 - 2. most likelihood
 - 3. No substitution required
 - 4. much likely

Question ID : 65497843664
Status : Answered
Chosen Option : 3

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He allowed / his son to drive / but he warn him / of the danger.

- Ans**
- 1. his son to drive
 - 2. of the danger
 - 3. but he warn him
 - 4. He allowed

Question ID : 65497842036
Status : Answered
Chosen Option : 2

Q.9 Select the correct indirect speech form of the given sentence.

Mother said, "I'm worried about your safety."

- Ans**
- 1. Mother said she is worried about your safety.
 - 2. Mother told me that she had been worried about my safety.
 - 3. Mother said that I was worrying about your safety.
 - 4. Mother told me that she was worried about my safety.

Question ID : 65497843157
Status : Answered
Chosen Option : 4

Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. They can help you to decide the right products for you.
- B. Advertisements can be extremely useful if they are honest.
- C. Teenagers are especially vulnerable to such advertisements.
- D. However, some advertisements may be harmful as they try to befool you.

- Ans**
- 1. BCAD
 - 2. BADC
 - 3. CDAB
 - 4. CADB

Question ID : 65497843665
Status : Answered
Chosen Option : 1

Q.11 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Did you baked / the chocolate cake / yourself this time?

- Ans**
- 1. yourself this time
 - 2. No error
 - 3. Did you baked
 - 4. the chocolate cake

Question ID : 65497844459
Status : Answered
Chosen Option : 1

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

Walk or move at a slow, relaxed pace

- Ans
- 1. Strut
 - 2. Amble
 - 3. Romp
 - 4. Prance

Question ID : 65497844481
Status : Answered
Chosen Option : 2

Q.13 Select the most appropriate synonym of the given word.

Vertical

- Ans
- 1. Upright
 - 2. Parallel
 - 3. Equal
 - 4. Shaky

Question ID : 65497843666
Status : Answered
Chosen Option : 1

Q.14 Select the most appropriate meaning of the given idiom.

Cake walk

- Ans
- 1. Something tasty
 - 2. Something sweet
 - 3. Something easy
 - 4. Something enjoyable

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Question ID : 65497843569
Status : Answered
Chosen Option : 3

Q.15 Select the option that gives the most appropriate meaning of the underlined idiom.

The Chairman of our company takes care of the rank and file in the company.

- Ans
- 1. Ordinary people
 - 2. Documents and files
 - 3. Only the top rank people
 - 4. Officers

Question ID : 65497843166
Status : Answered
Chosen Option : 1

Q.16 Select the most appropriate option to fill in the blank.

Global warming or climate change has today become a major _____ to mankind.

- Ans 1. threat
 2. penalty
 3. punishment
 4. endanger

Question ID : 65497844483
Status : Answered
Chosen Option : 1

Q.17 Select the option that expresses the given sentence in passive voice.

She gifted me a beautiful handbag.

- Ans 1. I am being gifted a beautiful handbag by her.
 2. I have been gifted a beautiful handbag by her.
 3. I was gifted a beautiful handbag by her.
 4. I am gifted a beautiful handbag by her.

Question ID : 65497843654
Status : Answered
Chosen Option : 3

Q.18 Select the option that can be used as a one-word substitute for the given group of words.

One who supervises students in an examination hall

- Ans 1. Inspector
 2. Examinee
 3. Invigilator
 4. Teacher

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Question ID : 65497842056
Status : Answered
Chosen Option : 3

Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

We stayed / in Jim's flat / during he was / on holiday.

- Ans 1. in Jim's flat
 2. on holiday
 3. We stayed
 4. during he was

Question ID : 65497842742
Status : Answered
Chosen Option : 1

Q.20 Select the most appropriate **ANTONYM** of the given word.

ROUGH

- Ans** 1. Smooth
 2. Coarse
 3. Thick
 4. Crude

Question ID : **65497843567**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans** 1. maximising
 2. minimising
 3. increasing
 4. emphasising

Question ID : **65497844465**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans** 1. low
 2. alarming
 3. capacious
 4. soothing

Question ID : **65497844466**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- 1. creed
 - 2. fraternity
 - 3. persons
 - 4. class

Question ID : 65497844467

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- 1. requires
 - 2. finds
 - 3. gains
 - 4. loses

Question ID : 65497844468

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- 1. membership
 - 2. exemption
 - 3. scholarship
 - 4. correlation

Question ID : 65497844469

Status : Answered

Chosen Option : 1

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