Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	SANGWAN ACADEMY
Exam Date	16/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

Section : **English Language (Basic Knowledge)**

Q.1 Select the most appropriate synonym of the given word.

BARREN

Ans ✗ 1. Fertile

✗ 2. Fruitful

✓ 3. Desolate

✗ 4. Bountiful

Question ID : **8161613062**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the most appropriate meaning of the given idiom.

Once in a blue moon

Ans ✗ 1. An unforgettable experience

✗ 2. An incident that is scary

✗ 3. Happening only once in a lifetime

✓ 4. Happening only rarely

Question ID : **8161613056**
Status : **Answered**
Chosen Option : **4**

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

ROWDY

Ans ✗ 1. Calm

✗ 2. Amenable

✓ 3. Boisterous

✗ 4. Charming

Question ID : **8161613063**
Status : **Answered**
Chosen Option : **3**

Q.4 **In the sentence identify the segment which contains a grammatical error.**

I learnt to adapt quickly to new schools because we moved to new places quite frequent.

Ans ✔ 1. quite frequent

✘ 2. I learnt to adapt quickly

✘ 3. we moved to new places

✘ 4. to new schools

Question ID : **8161613043**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Comprehension:

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

To close the day on a high note, we decided to spend the rest of (1)_____ evening at a 100-year-old historic watering hole in downtown Juneau. We wanted to (2)_____ our bear sightings and how it feels to be in the wild. While raising a toast and reminiscing (3)_____ our time in the woods, I felt a deeper connection with nature. It was a (4)_____ experience to walk for miles with no particular reason or intention other than absorbing (5)_____ solitude of the jungle, open to the sky.

SubQuestion No : 5

Q.5 **Select the most appropriate option for blank No. 1.**

Ans ✘ 1. theirs

✘ 2. their

✔ 3. our

✘ 4. ours

Question ID : **8161613045**

Status : **Answered**

Chosen Option : **3**

Comprehension:

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

To close the day on a high note, we decided to spend the rest of (1)_____ evening at a 100-year-old historic watering hole in downtown Juneau. We wanted to (2)_____ our bear sightings and how it feels to be in the wild. While raising a toast and reminiscing (3)_____ our time in the woods, I felt a deeper connection with nature. It was a (4)_____ experience to walk for miles with no particular reason or intention other than absorbing (5)_____ solitude of the jungle, open to the sky.

SubQuestion No : 6

Q.6 **Select the most appropriate option for blank No. 2.**

Ans ✔ 1. celebrate

✘ 2. celebration

✘ 3. celebrates

✘ 4. celebrated

Question ID : **8161613046**

Status : **Answered**

Chosen Option : **1**

Comprehension:

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

To close the day on a high note, we decided to spend the rest of (1)_____ evening at a 100-year-old historic watering hole in downtown Juneau. We wanted to (2)_____ our bear sightings and how it feels to be in the wild. While raising a toast and reminiscing (3)_____ our time in the woods, I felt a deeper connection with nature. It was a (4)_____ experience to walk for miles with no particular reason or intention other than absorbing (5)_____ solitude of the jungle, open to the sky.

SubQuestion No : 7

Q.7 **Select the most appropriate option for blank No. 3.**

Ans ✘ 1. in

✔ 2. about

✘ 3. with

✘ 4. for

Question ID : **8161613047**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

To close the day on a high note, we decided to spend the rest of (1)_____ evening at a 100-year-old historic watering hole in downtown Juneau. We wanted to (2)_____ our bear sightings and how it feels to be in the wild. While raising a toast and reminiscing (3)_____ our time in the woods, I felt a deeper connection with nature. It was a (4)_____ experience to walk for miles with no particular reason or intention other than absorbing (5)_____ solitude of the jungle, open to the sky.

SubQuestion No : 8

Q.8 **Select the most appropriate option for blank No. 4.**

Ans ✔ 1. profound

✘ 2. sincere

✘ 3. dismal

✘ 4. comical

Question ID : **8161613048**
Status : **Answered**
Chosen Option : **1**

Comprehension:

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

To close the day on a high note, we decided to spend the rest of (1)_____ evening at a 100-year-old historic watering hole in downtown Juneau. We wanted to (2)_____ our bear sightings and how it feels to be in the wild. While raising a toast and reminiscing (3)_____ our time in the woods, I felt a deeper connection with nature. It was a (4)_____ experience to walk for miles with no particular reason or intention other than absorbing (5)_____ solitude of the jungle, open to the sky.

SubQuestion No : 9

Q.9 Select the most appropriate option for blank No. 5.

Ans ✔ 1. the

  ✘ 2. a

  ✘ 3. much

  ✘ 4. some

Question ID : **8161613049**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

Rohit Sharma <u>have declared</u> the best batsman of 2019.

Ans ✘ 1. had declared

  ✘ 2. is declaring

  ✔ 3. has been declared

  ✘ 4. No improvement

Question ID : **8161613052**
Status : **Answered**
Chosen Option : **3**

Q.11 In the sentence identify the segment which contains a grammatical error.

The environment protection policy need to become stricter if we wish to combat climate change.

Ans ✘ 1. combat climate change

  ✔ 2. need to become stricter

  ✘ 3. if we wish to

  ✘ 4. The environment protection policy

Question ID : **8161613042**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 Select the most appropriate word to fill in the blank.

There was a range of _____ that kept tourists engaged during the International Film Festival in Goa.

Ans
  ✗ 1. employments

  ✓ 2. activities

  ✗ 3. moments

  ✗ 4. conversions

Question ID : **8161613065**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the most appropriate meaning of the given idiom.

To leave someone in the lurch.

Ans
  ✓ 1. To desert someone in his difficulties

  ✗ 2. Constant source of annoyance to someone

  ✗ 3. To come to compromise with someone

  ✗ 4. To put someone at ease

Question ID : **8161613057**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the INCORRECTLY spelt word.

Ans
  ✓ 1. Bunglow

  ✗ 2. Adulteration

  ✗ 3. Irritant

  ✗ 4. Balloon

Question ID : **8161613058**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the most appropriate word to fill in the blank.

I had a stroke at an early age, but what I thought was a great _____ at that time changed my life for the better.

Ans
  ✓ 1. setback

  ✗ 2. significance

  ✗ 3. moodiness

  ✗ 4. lowliness

Question ID : **8161613064**
Status : **Answered**
Chosen Option : **1**

Q.16 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Some such common events that bring us happiness for a short time include passing an exam, getting a job, going on a vacation or buying a dream house.
B. Happiness is more difficult to achieve than peace as we keep striving for it daily.
C. Peace, on the other hand, is sustainable for many years, costs less energy, and doesn't depend on external events such as these.
D. Events that we struggle for in our daily lives to bring us happiness only come randomly, stay for a short time and subside.

Ans   ✗ 1. BCAD

✗ 2. BACD

✗ 3. ACDB

✓ 4. BDAC

Question ID : **8161613050**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the word which means the same as the given group of words.

Someone who freely gives money and help to people who need it

Ans   ✗ 1. Impressionist

✗ 2. Receptionist

✓ 3. Philanthropist

✗ 4. Philologist

Question ID : **8161613061**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

We've had a long day. We should rest now, <u>shouldn't we?</u>

Ans   ✗ 1. haven't we

✗ 2. won't we

✗ 3. hadn't we

✓ 4. No improvement

Question ID : **8161613053**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the word which means the same as the given group of words.

Arrangement of events or dates in the order in which they happen

Ans ✗ 1. Geology

✗ 2. Archaeology

✗ 3. Ecology

✔ 4. Chronology

Question ID : **8161613060**
Status : **Answered**
Chosen Option : **1**

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

ADMONISH

Ans ✔ 1. Applaud

✗ 2. Belittle

✗ 3. Harden

✗ 4. Attack

Question ID : **8161613055**
Status : **Answered**
Chosen Option : **2**

Q.21 Select the correct indirect form of the given sentence.

Roopa said to me, "Please accompany me to the market."

Ans ✗ 1. Roopa said please accompany me to the market.

✗ 2. Roopa is requesting me to accompany her to the market.

✗ 3. Roopa said to me that you must accompany me to the market.

✔ 4. Roopa requested me to accompany her to the market.

Question ID : **8161613041**
Status : **Answered**
Chosen Option : **4**

Q.22 Select the INCORRECTLY spelt word.

Ans ✗ 1. Distance

✗ 2. Commitment

✗ 3. Existence

✔ 4. Arguement

Question ID : **8161613059**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the correct passive form of the given sentence.

We are arranging an exhibition of sarees from different states of India at Dilli Haat.

Ans   ✘ 1. An exhibition of sarees from different states of India will be arranged by us at Dilli Haat.

   ✘ 2. An exhibition of sarees from different states of India was arranged by us at Dilli Haat.

   ✘ 3. An exhibition of sarees from different states of India has been arranged by us at Dilli Haat.

   ✔ 4. An exhibition of sarees from different states of India is being arranged by us at Dilli Haat.

Question ID : **8161613040**
Status : **Answered**
Chosen Option : **4**

Q.24 Select the most appropriate ANTONYM of the given word.

CONCEALED

Ans   ✘ 1. Hidden

   ✔ 2. Revealed

   ✘ 3. Masked

   ✘ 4. Discussed

Question ID : **8161613054**
Status : **Answered**
Chosen Option : **2**

Q.25 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. He flew down, searched for her until he found her and then asked her to become his wife.
B. A hawk flying about in the sky one day decided that he would like to marry a hen whom he often saw on earth.
C. The hawk was delighted and flew away after giving her a ring as an engagement present, and telling her to take good care of it.
D. She at once gave her consent on the condition that he would wait until she could grow wings like his, so that she might also fly high.

Ans   ✔ 1. BADC
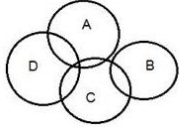
   ✘ 2. ADCB

   ✘ 3. BDCA

   ✘ 4. BCDA

Question ID : **8161613051**
Status : **Answered**
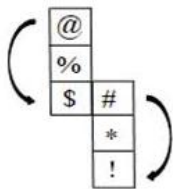Chosen Option : **4**

Section : **General Intelligence**

Q.1 In the given Venn diagram, different areas denote different types of players. 'A' denotes 'tennis players', 'B' denotes 'badminton players', 'C' denotes 'hockey players' and 'D' denotes 'football players'. Which area represents the group of all types of sports players?

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Question ID : 8161613090
Status : **Answered**
Chosen Option : **4**

Q.2 Select the answer figure that can be formed by folding the given sheet along the lines.

@ will be opposite of ($)
# will be opposite of (!)
% will be opposite of (*)

Ans

✓ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : 8161613084
Status : **Answered**
Chosen Option : **1**

Q.3 In a certain code language, RDHKLP is written as QCJMKO. How will ROHINY be written as in that language?

Ans
- ✗ 1. QNJKCX
- ✗ 2. QNIJMX
- ✔ 3. QNJKMX
- ✗ 4. QNJLNX

Q.4 Select the combination of letters that when sequentially placed from left to right in the blanks of the given series will complete the series.

_om_onm_mnon_omn_n

Ans
- ✗ 1. nmomn
- ✗ 2. nnmmo
- ✗ 3. moomm
- ✔ 4. mnomo

Q.5 Which two signs or numbers should be interchanged to make the given equation correct?

$(56 \div 7) + 5 \times 8 - 12 = 60$

Ans
- ✔ 1. 8 and 12
- ✗ 2. + and ÷
- ✗ 3. 7 and 5
- ✗ 4. × and +

Q.6 Select the option that is related to the third term in the same way as the second term is related to the first term.

PTR : R38 : : IMK : ?

Ans
- ✗ 1. M20
- ✔ 2. K24
- ✗ 3. K20
- ✗ 4. M24

Q.7 Select the answer figure that can replace the question mark (?) in the following question figure.

Ans

 ✔ 1.

 ✘ 2.

 ✘ 3.

 ✘ 4.
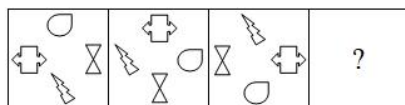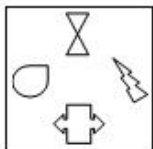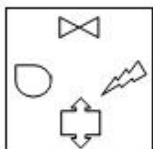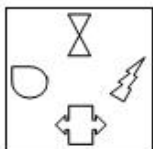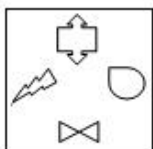
Q.8 Select the number that can replace the question mark (?) in the following series.

1, 2, 4, 7, 13, 24, 44, ?

Ans ✘ 1. 63

✔ 2. 81

✘ 3. 112

✘ 4. 73

Q.9 Arrange the following words in a logical and meaningful sequence.

1. Paragraph

2. Sentence

3. Letter

4. Phrase

5. Word

Ans ✗ 1. 3,5,1,2,4

✔ 2. 3,5,4,2,1

✗ 3. 1,2,3,4,5

✗ 4. 5,3,1,2,4

Q.10 Select the number that will replace the question mark (?) in the following series.

4, 5, 9, 18, 34, 59, ?, 144, 208, 289

Ans ✔ 1. 95

✗ 2. 88

✗ 3. 89

✗ 4. 90

Q.11 Find the number of triangles in the given figure.
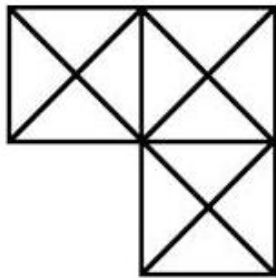
Ans ✗ 1. 30

✗ 2. 18

✓ 3. 29

✗ 4. 37

Q.12 Identify the letter that does NOT belong to the following series.

I, L, O, S, U, X

Ans ✗ 1. L

✓ 2. S

✗ 3. X

✗ 4. O

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term.

BUS : AWP : : CAR : _____

Ans ✗ 1. CAB

✗ 2. BUD

✗ 3. BCD

✓ 4. BCO

Q.14 After giving a discount of 25% on the marked price, a laptop is sold at ₹22,500.What is its marked price?

Ans ✗ 1. ₹32,000

✗ 2. ₹36,500

✓ 3. ₹30,000

✗ 4. ₹29,000

Question ID : **8161613066**
Status : **Answered**
Chosen Option : **3**

Q.15 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the question figure. Select the figure from the answer figures that would most closely resemble the unfolded paper.

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **8161613088**
Status : **Answered**
Chosen Option : **4**

Q.16 If in a coded language 'UNIQ' is written as 'SJCI', then in the same coded language, 'MODE' will be written as:

Ans ✗ 1. KKXX

✓ 2. KKXW

✗ 3. KKXT

✗ 4. KKXV

Question ID : **8161613080**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the option that is related to the third number in the same way as the second number related to the first number.

236 : 263 : : 768 : ?

Ans

✔ 1. 786

✘ 2. 876

✘ 3. 778

✘ 4. 788

Question ID : **8161613068**
Status : **Answered**
Chosen Option : **1**

Q.18 If a mirror is placed on line PQ in the question figure, then which of the answer figures is the correct image of the question figure?

Question figure:

Ans

✘ 1.

✔ 2.

✘ 3.

✘ 4.

Question ID : **8161613089**
Status : **Answered**
Chosen Option : **2**

Q.19 Pointing to a photograph, Mohan said, "The person who is standing with my mother in the photograph is the only son of my father". How is the person related to Mohan?

Ans

✘ 1. Nephew

✔ 2. Mohan himself

✘ 3. Cousin

✘ 4. Father

Question ID : **8161613079**
Status : **Answered**
Chosen Option : **2**

Q.20 Select the number that can replace the question mark (?) in the following series.

7, 16, 24, 31, 37, ?

Ans   ✗ 1.   45

     ✗ 2.   39

     ✔ 3.   42

     ✗ 4.   58

Q.21 Select the answer figure in which the question figure is embedded. (Rotation is not allowed)

Ans

     ✗ 1.

     ✗ 2.

     ✔ 3.

     ✗ 4.
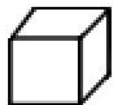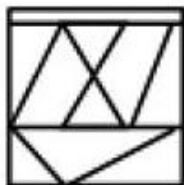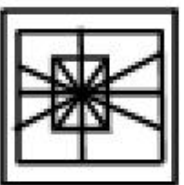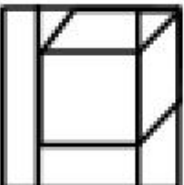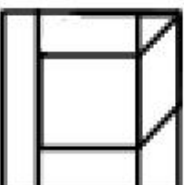
Q.22 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some bananas are mangoes.

2. Some mangoes are cats.

Conclusions:

I. All cats are bananas.

II. Some cats are mangoes.

Ans
1. ✔ Only conclusion II follows.

2. ✘ Neither conclusion I nor II follows.

3. ✘ Both conclusions I and II follow.

4. ✘ Only conclusion I follows.

Question ID : 8161613083
Status : **Answered**
Chosen Option : **1**

Q.23 Select the letter that can replace the question mark (?) in the following series.

A, D, C, G, F, K, J, ?

Ans
1. ✘ T
2. ✘ L
3. ✘ O
4. ✔ P

Question ID : 8161613078
Status : **Answered**
Chosen Option : **4**

Q.24 In a certain code language, 458 is written as 'she is good', 742 is written as 'that is cow' and 841 is written as 'good is bad'. Which number denotes the word 'bad' in that language?

Ans
1. ✘ 2
2. ✘ 8
3. ✔ 1
4. ✘ 4

Question ID : 8161613075
Status : **Answered**
Chosen Option : **3**

Q.25 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

5 | 131   7 | 348   9 | ?
6   5   8
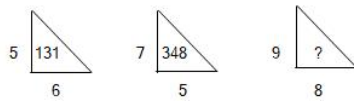
Ans
  ✗ 1. 521
  ✗ 2. 396
  ✔ 3. 737
  ✗ 4. 729

Question ID : **8161613070**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Section : **Quantitative Aptitude(Basic Arithmetic Skill)**

Q.1 Study the following graph and answer the question based on the graph.
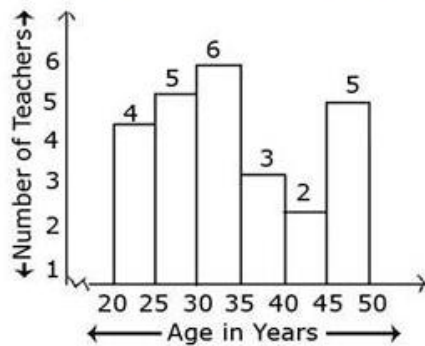
How many teachers are aged 45 years or more but less than 50 years?

Ans
  ✗ 1. 2
  ✗ 2. 6
  ✗ 3. 3
  ✔ 4. 5

Question ID : **8161613112**
Status : **Answered**
Chosen Option : **4**

Q.2 A mobile phone was sold for ₹31,500 after giving two successive discounts of 30% and 10%, respectively. What was the marked price of the mobile?

Ans
  ✗ 1. ₹55,000
  ✔ 2. ₹50,000
  ✗ 3. ₹35,000
  ✗ 4. ₹52,500

Question ID : **8161613095**
Status : **Answered**
Chosen Option : **2**

Q.3 Given that $2^{20}+1$ is completely divisible by a whole number, which of the following is completely divisible by the same number?

Ans
✗ 1. $2^{15}+1$

✗ 2. 5×2^{30}

✗ 3. $2^{90}+1$

✔ 4. $2^{60}+1$

Question ID : **8161613107**
Status : **Answered**
Chosen Option : **4**

Q.4 The volume of the water in two tanks, A and B, is in the ratio of 6 : 5. The volume of water in tank A is increased by 30%. By what percentage should the volume of water in tank B be increased so that both the tanks have the same volume of water?

Ans
✔ 1. 56%

✗ 2. 30%

✗ 3. 18%

✗ 4. 15%

Question ID : **8161613096**
Status : **Answered**
Chosen Option : **2**

Q.5 The volume of a tank is 72 cubic metres. Water is poured into it at the rate of 60 litres per minute. How much time will it take to fill the tank?

Ans
✗ 1. 10 hours

✔ 2. 20 hours

✗ 3. 6 hours

✗ 4. 12 hours

Question ID : **8161613093**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.6 Study the following graph and answer the question based on the graph.

Production of an item by a company
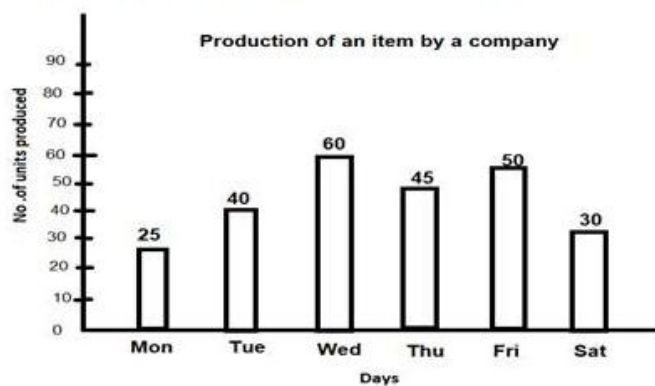
On which day the production was 1/5th of the total production?

Ans ✗ 1. Thursday

✗ 2. Wednesday

✗ 3. Tuesday

✔ 4. Friday

Question ID : **8161613115**
Status : **Answered**
Chosen Option : **4**

Q.7 The value of $\sin 20° \cos 70° + \sin 70° \cos 20°$ is:

Ans ✔ 1. 1

✗ 2. 0

✗ 3. $\dfrac{1}{\sqrt{2}}$

✗ 4. 2

Question ID : **8161613109**
Status : **Answered**
Chosen Option : **4**

Q.8 In a circle of radius 10 cm, PQ and RS are two parallel chords of lengths 16 cm and 12 cm, respectively. What is the distance between the chords if they are on opposite sides of the centre?

Ans ✔ 1. 14 cm

✗ 2. 6 cm

✗ 3. 8 cm

✗ 4. 2 cm

Question ID : **8161613101**
Status : **Answered**
Chosen Option : **1**

Q.9 In the given figure, AP is perpendicular to BC, and AQ is the bisector of angle A. What will be the measure of angle PQA?

Ans
❌ 1. 30º
❌ 2. 50º
✔️ 3. 75º
❌ 4. 60º
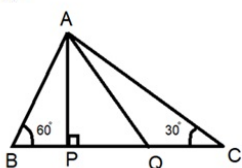
Question ID : **8161613103**
Status : **Answered**
Chosen Option : **4**

Q.10 Salma buys an article and then sells it for ₹810. If she loses 10%, then at what price should she sell it to gain 4%?

Ans
❌ 1. ₹900
✔️ 2. ₹936
❌ 3. ₹864
❌ 4. ₹729

Question ID : **8161613097**
Status : **Answered**
Chosen Option : **2**

Q.11 A and B separately can build a wall in 12 and 16 days, respectively. If they work for 1 day alternatively, starting with A, in how many days will the wall be built?

Ans
❌ 1. $6\frac{3}{4}$ days

❌ 2. $12\frac{2}{3}$ days

✔️ 3. $13\frac{2}{3}$ days

❌ 4. $7\frac{2}{3}$ days

Question ID : **8161613091**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 What number must be added to each of the numbers 8, 13, 26 and 40 so that the numbers obtained in this order are in proportion?

Ans   ✗ 1. 3

     ✔ 2. 2

     ✗ 3. 1

     ✗ 4. 4

Question ID : **8161613098**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.13 $(ax + by)$ is a factor of:

Ans   ✗ 1. $a^2x^2 + 2ab - b^2y^2$

     ✔ 2. $a^2x^2 + 2abxy + b^2y^2$

     ✗ 3. $a^2x^2 + 2ab + b^2y^2$

     ✗ 4. $a^2x^3 + 2abx + b^2y^2x$

Question ID : **8161613105**

Status : **Answered**

Chosen Option : **2**

Q.14 The angles of a triangle are in the ratio of 3 : 4 : 8. The triangle is:

Ans   ✔ 1. obtuse angled

     ✗ 2. right angled

     ✗ 3. acute angled

     ✗ 4. isosceles

Question ID : **8161613102**

Status : **Answered**

Chosen Option : **1**

Q.15 The value of $10 - [121 \div (11 \times 11) - (-4) - \{3 - (8 - 1)\}]$ is:

Ans   ✗ 1. 0

     ✗ 2. -1

     ✗ 3. 19

     ✔ 4. 1

Question ID : **8161613108**

Status : **Answered**

Chosen Option : **4**

Q.16 Study the following graph and answer the question based on the graph.

Production of an item by a company
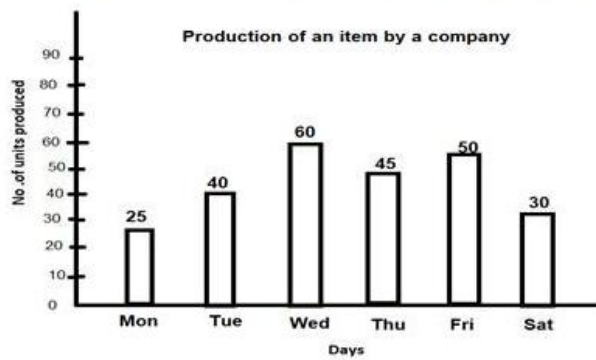
What was the percentage decline in the production from Friday to Saturday?

Ans
✗ 1. 10%

✗ 2. $66\frac{2}{3}$%

✓ 3. 40%

✗ 4. 20%

Q.17 If tan 4A = cot (A − 20°), 0° < θ < 90° , then the value of A is:

Ans
✗ 1. 14°

✓ 2. 22°

✗ 3. 5°

✗ 4. 80°

Q.18 A player has a certain average for 15 innings. In the 16th inning he scores 120, thereby his average increases by 6 runs. What is the new average?

Ans
✗ 1. 8

✓ 2. 30

✗ 3. 24

✗ 4. 20

Q.19 If $\sin\theta + \csc\theta = 2$, then the value of $\sin^2\theta + \csc^2\theta$ is:

Ans ✗ 1. 4

✓ 2. 2

✗ 3. 1

✗ 4. 8

Q.20 In how may years will a sum of ₹320 amount to ₹405 if interest is compounded at 12.5% per annum?

Ans ✓ 1. 2 years

✗ 2. 1 year

✗ 3. $1\frac{1}{2}$ years

✗ 4. $2\frac{1}{2}$ years

Q.21 In the given figure, PQRS is a cyclic quadrilateral. What is the measure of the angle PQR if PQ is parallel to SR?
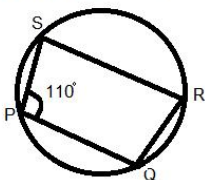
Ans ✓ 1. 110°

✗ 2. 80°

✗ 3. 100°

✗ 4. 70°

Q.22 Study the following graph and answer the question based on the graph.
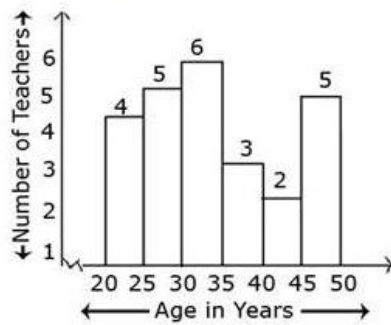
What percentage of the total number of teachers are aged less than 45 years?

Ans
✔ 1. 80%
✘ 2. 60%
✘ 3. 30%
✘ 4. 8%

Q.23 2x − 3y is a factor of:

Ans
✔ 1. $4x^2 + 2x - 3y + 9y^2 - 12xy$

✘ 2. $4x^2 + 9y^2 + 12xy$

✘ 3. $8x^3 + 27y^3$

✘ 4. $4x^2 + 2x - 3y + 36y^2 + 12xy$

Q.24 Two trains start at same time from stations A and B, 1800 km apart, and proceed towards each other at an average speed of 44 km/h and 46 km/h, respectively. Where will the trains meet?

Ans
✘ 1. 900 km from station B
✘ 2. 920 km from station A
✘ 3. 880 km from station B
✔ 4. 880 km from station A

Q.25 The area of a square park is $16x^2 + 8x + 1$. What is the length of the park?

Ans   ✗ 1. $(4x - 1)$ units

      ✔ 2. $(4x + 1)$ units

      ✗ 3. $4x$ units

      ✗ 4. $(4x + 1)^2$ units

> Question ID : **8161613104**
> Status : **Answered**
> Chosen Option : **2**

Section : **General Awareness**

Q.1 Who wrote 'Humayun Nama'?

Ans   ✗ 1. Humayun

      ✗ 2. Babur

      ✗ 3. Akbar

      ✔ 4. Gulbadan Begum

> Question ID : **8161613132**
> Status : **Answered**
> Chosen Option : **4**

Q.2 The solar tracking (moving in the sun's direction) of the sunflower is called _____.

Ans   ✗ 1. Phototropism

      ✗ 2. Thigmotropism

      ✗ 3. Hydrotropism

      ✔ 4. Heliotropism

> Question ID : **8161613127**
> Status : **Answered**
> Chosen Option : **4**

Q.3 What is the full form of BASIC in context of the BASIC computer language?

Ans   ✗ 1. Beginner's All-purpose Systematic Instruction Code

      ✔ 2. Beginner's All-purpose Symbolic Instruction Code

      ✗ 3. Beginner's All-purpose Symbolic Input Code

      ✗ 4. Beginner's All-purpose Symbolic Input-output Code

> Question ID : **8161613117**
> Status : **Answered**
> Chosen Option : **2**

Q.4 When was the PIN Code (Postal Index Code) introduced in India?

Ans ✓ 1. 1972

✗ 2. 1949

✗ 3. 1963

✗ 4. 1969

Question ID : **8161613130**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.5 Which Indian cricketer has scored the most number of runs in a single World Cup?

Ans ✗ 1. Kapil Dev

✗ 2. Rahul Dravid

✓ 3. Sachin Tendulkar

✗ 4. Rohit Sharma

Question ID : **8161613139**

Status : **Answered**

Chosen Option : **3**

Q.6 'Income and employment theory' is the other name for which branch of Economics?

Ans ✓ 1. Macroeconomics

✗ 2. Microeconomics

✗ 3. International economics

✗ 4. Public finance

Question ID : **8161613123**

Status : **Answered**

Chosen Option : **1**

Q.7 In which of the following cities was the 'India International Science Festival (IISF)' held in November 2019?

Ans ✗ 1. Bengaluru

✗ 2. Thiruvananthapuram

✓ 3. Kolkata

✗ 4. New Delhi

Question ID : **8161613122**

Status : **Answered**

Chosen Option : **1**

Q.8 Which article in the Constitution of India empowers the President of India to promulgate ordinances when the Parliament is in recess?

Ans
✔️ 1. Article 123
❌ 2. Article 213
❌ 3. Article 232
❌ 4. Article 312

Question ID : **8161613137**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 Who is the author of the book 'Bridgital Nation – Solving Technology's People Problem'?

Ans
❌ 1. Nandan Nilekani
❌ 2. Ratan Tata
❌ 3. Narayanamurthy
✔️ 4. N Chandrasekaran

Question ID : **8161613134**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 The process that moves, elevates or builds up portions of the earth's crust is called:

Ans
❌ 1. volcanism
❌ 2. denudation
❌ 3. weathering
✔️ 4. diastrophism

Question ID : **8161613129**
Status : **Answered**
Chosen Option : **4**

Q.11 'Matki' is a popular folk dance of which of the following states?

Ans
✔️ 1. Madhya Pradesh
❌ 2. Rajasthan
❌ 3. Assam
❌ 4. Bihar

Question ID : **8161613118**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 As of February 2020, who is the Governor of Goa?

Ans   ✗ 1. Pramod Sawant

       ✔ 2. Satyapal Malik

       ✗ 3. Bhagat Singh Koshyari

       ✗ 4. Shripad Yesso Naik

Question ID : **8161613121**

Status : **Answered**

Chosen Option : **3**

Q.13 The moon is an example of a _____ object.

Ans   ✗ 1. luminous

       ✔ 2. non-luminous

       ✗ 3. transparent

       ✗ 4. translucent

Question ID : **8161613125**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.14 Who among the following is/was a famous Tabla player?

Ans   ✗ 1. Hariprasad Chaurasia

       ✔ 2. Alla Rakha

       ✗ 3. Bhimsen Joshi

       ✗ 4. TN Krishnan

Question ID : **8161613135**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.15 Translated into English, the motto of the Indian National Army (INA) was _____.

Ans   ✗ 1. Do or Die

       ✗ 2. Service before self

       ✗ 3. Unity and Discipline

       ✔ 4. Unity, Faith, Sacrifice

Question ID : **8161613133**

Status : **Answered**

Chosen Option : **2**

Q.16 Which of the following oil companies started an LPG bottling plant in Balangir district of Odisha in December 2019?

Ans ✗ 1. Indian Oil Corporation Limited

✔ 2. Bharat Petroleum Corporation Limited

✗ 3. Reliance Industries Limited

✗ 4. Hindustan Petroleum Corporation Limited

Question ID : **8161613124**
Status : **Answered**
Chosen Option : **1**

Q.17 River Sutlej enters India through which pass?

Ans ✗ 1. Lipulekh

✔ 2. Shipki la

✗ 3. Zoji la

✗ 4. Nathula

Question ID : **8161613128**
Status : **Answered**
Chosen Option : **2**

Q.18 How many fundamental duties are set out in Part IV A (Article 51A) of the Constitution of India?

Ans ✗ 1. 10

✔ 2. 11

✗ 3. 12

✗ 4. 9

Question ID : **8161613136**
Status : **Answered**
Chosen Option : **3**

Q.19 Who is the author of 'Malavikagnimitram'?

Ans ✗ 1. Vagbhata

✗ 2. Vyasa

✗ 3. Kautilya

✔ 4. Kalidasa

Question ID : **8161613119**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.20 According to a report released by Greenpeace in Aug, 2019, India is the highest emitter of which of the following pollutants (gases)?

Ans ✗ 1. Nitrogen dioxide

✓ 2. Sulphur dioxide

✗ 3. Carbon Monoxide

✗ 4. Ammonia

Question ID : **8161613120**

Status : **Answered**

Chosen Option : **2**

Q.21 How many Indian bowlers have taken a hat-trick in International test cricket?

Ans ✗ 1. Two

✗ 2. Four

✗ 3. One

✓ 4. Three

Question ID : **8161613138**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.22 Which of the following symbols must be used before a formula in a Microsoft Excel sheet?

Ans ✗ 1. &

✓ 2. =

✗ 3. $

✗ 4. @

Question ID : **8161613116**

Status : **Answered**

Chosen Option : **2**

Q.23 Who is the only Indian to be nominated for the 'IWGA Athlete of the Year 2019'?

Ans ✓ 1. Rani Rampal

✗ 2. Mithali Singh

✗ 3. Amiya Kumar Mallick

✗ 4. Virat Kohli

Question ID : **8161613140**

Status : **Answered**

Chosen Option : **1**

Q.24 Slate is a type of _____ rock.

Ans ✗ 1. igneous

   ✗ 2. volcanic

   ✓ 3. metamorphic

   ✗ 4. sedimentary

Question ID : **8161613131**
Status : **Answered**
Chosen Option : **3**

Q.25 Deficiency of thiamine results in _____.

Ans ✗ 1. Rickets

   ✗ 2. Pellagra

   ✗ 3. Scurvy

   ✓ 4. Beriberi

Question ID : **8161613126**
Status : **Answered**
Chosen Option : **3**