

- Question No. 1

Which of the following is NOT a valid option in the 'Paragraph' setting window in MS-Word 2016?

Options :

1. Spacing
2. Indentation
3. Effects
4. Pagination
- 5.

Answer : Effects

- Question No. 2

One of the largest dams of the world, Hirakud Dam, is built across the _____ river.

Options :

1. Mahanadi
2. Narmada
3. Kaveri
4. Beas
- 5.

Answer : Mahanadi

- Question No. 3

From the given options, select the one that CANNOT be listed among the long-run effects of ozone depletion.

Options :

1. Reduced growth of terrestrial plants
2. Skin cancer

3. Increased amount of oxygen consumption in human beings
4. Lowered production of aquatic animals
- 5.

Answer : Increased amount of oxygen consumption in human beings

• Question No. 4

Which of the following languages had a negative decadal (2001-11) growth rate (its speakers) according to Census of India, 2011?

Options :

1. Bengali
2. Telugu
3. Urdu
4. Sanskrit
- 5.

Answer : Urdu

• Question No. 5

Lakshya Sen won the men's singles final at the India Open badminton tournament, 2022 by defeating

_____.

Options :

1. Shi Yuqi
2. Viktor Axelsen
3. Lee Chong Wei
4. Loh Kean Yew
- 5.

Answer : Loh Kean Yew

- Question No. 6

Vasco Da Gama landed at _____ in 1498.

Options :

1. Cochin
2. Calicut
3. Goa
4. Surat
- 5.

Answer : Calicut

- Question No. 7

The liquid part of human blood, called _____, is made of water, salts and protein.

Options :

1. Platelets
2. RBC
3. Plasma
4. WBC
- 5.

Answer : Plasma

- Question No. 8

Which of the following is a noble gas?

Options :

1. Ozone
2. Helium
3. Hydrogen

4. Nitrogen

5.

Answer : Helium

• Question No. 9

In December 2021, with whose support did the Indian Army establish the Quantum Lab in Madhya Pradesh?

Options :

1. National Informatics Centre (NIC)
2. National Security Agency (NSA)
3. National Security Council Secretariat (NSCS)
4. Defence Research & Development Organisation (DRDO)
- 5.

Answer : National Security Council Secretariat (NSCS)

• Question No. 10

Infant mortality is the death of an infant before his or her _____ birthday.

Options :

1. tenth
2. third
3. sixth
4. first
- 5.

Answer : first

• Question No. 11

Gol Gumbaz is the mausoleum of the king Mohammed Adil Shah. It is a part of_____.

Options :

1. Bundelkhand
2. Bharatpur
3. Panipat
4. Bijapur
- 5.

Answer : Bijapur

• Question No. 12

Sarala Das, whose 600th birth anniversary was addressed by the Vice President in April 2021, was a great scholar of _____ literature.

Options :

1. Odia
2. Bengali
3. Kannada
4. Malayalam
- 5.

Answer : Odia

• Question No. 13

Name of the scheme launched in June 2021 by the Lieutenant Governor of Ladakh to encourage digital learning among students and to bridge the digital divide between connected and unconnected sectors.

Options :

1. YounTab
2. Diksha
3. eVidya
4. Pragyata

5.

Answer : YounTab

- Question No. 14

What has been the Global Birth Rate (crude) in the year 2020, according to the World Bank?

Options :

1. 46.43
2. 20.56
3. 11.20
4. 17.98
- 5.

Answer : 17.98

- Question No. 15

Which of the following states has the highest child sex ratio in India according to the 5th National Family Health Survey (2019-21)?

Options :

1. Kerala
2. Bihar
3. Mizoram
4. Gujarat
- 5.

Answer : Mizoram

- Question No. 16

Which trio among the following is referred to as 'The Trinity of Carnatic music'?

Options :

1. Subbaraya Sastri, Madurai Mani Iyer and Tyagaraja
2. Manambuchavadi Venkatasubbayyar, Poochi Srinivasa Iyengar and Subbaraya Sastri
3. Tyagaraja, Muthuswami Dikshitar and Syama Sastri
4. Madurai Mani Iyer, Tiger Varadachariar and Syama Sastri
- 5.

Answer : Tyagaraja, Muthuswami Dikshitar and Syama Sastri

• Question No. 17

The Provision for securing just and humane conditions of work and for maternity relief has been entrusted in the Indian Constitution as one of the:

Options :

1. fundamental rights
2. constitution and economic rights
3. directive principles of state policy
4. fundamental duties
- 5.

Answer : directive principles of state policy

• Question No. 18

Vihaan and Nav Agarwal won the International Children's Peace Prize 2021 for which work?

Options :

1. For making an anti-cyberbullying mobile app
2. For building a school in a refugee camp
3. For tackling pollution in their home city by recycling household waste
4. For peaceful fight against extremist violence and radicalisation
- 5.

Answer : For tackling pollution in their home city by recycling household waste

• Question No. 19

Nagananda, a Sanskrit play which tells the popular story of Vidyadhar King Jimutavahana's self-sacrifice to save the Nagas, is attributed to emperor _____

Options :

1. Bindusara
2. Ashoka
3. Harsha
4. Chandra Gupta I
- 5.

Answer : Harsha

• Question No. 20

Begum Hazrat Mahal, the wife of the Nawab of _____ led the uprising at Lucknow in May, 1857.

Options :

1. Awadh
2. Meerut
3. Fatehpur Sikri
4. Agra
- 5.

Answer : Awadh

• Question No. 21

The protection of interests of minorities under the Constitution of India lies under _____.

Options :

1. Article 20
2. Article 16
3. Article 15
4. Article 29
- 5.

Answer : Article 29

• Question No. 22

Which of the following products has the highest share in India's imports according to the economic survey 2021-22?

Options :

1. Plastic Raw Materials
2. Crude Petroleum
3. Electronic Componets
4. Gold
- 5.

Answer : Crude Petroleum

• Question No. 23

According to the Economic Survey of India, which of the following states had the highest share in the overall production of sugarcane for the financial year 2020-21?

Options :

1. Punjab
2. Uttar Pradesh
3. Maharashtra
4. Haryana
- 5.

Answer : Uttar Pradesh

- Question No. 24

_____of the Directive Principles of State Policy deals with the promotion of international peace and security.

Options :

1. Article 43
2. Article 50
3. Article 51
4. Article 41
- 5.

Answer : Article 51

- Question No. 25

Which of the following keyboard shortcuts is used in a Windows 10 system to switch between open applications?

Options :

1. Alt + Tab
2. Alt + S
3. Ctrl + S
4. Ctrl + Tab
- 5.

Answer : Alt + Tab

- Question No. 26

Which Mauryan emperor had his inscriptions engraved on rocks and pillars during his reign from c. 272/268-231 BCE?

Options :

1. Ashoka
2. Bindusara
3. Chandragupta Maurya

4. Brihadratha

5.

Answer : Ashoka

• Question No. 27

Satyaram Reang of Tripura, who received The Padma Shri award in 2021, is a famous _____ dancer.

Options :

1. Biraha

2. Hojagiri

3. Dumhal

4. Bihu

5.

Answer : Hojagiri

• Question No. 28

What is the capacity of the recently commissioned supercomputer Param Pravega under the National Supercomputing Mission?

Options :

1. 1.3 petaflops

2. 2.3 petaflops

3. 3.3 petaflops

4. 4.3 petaflops

5.

Answer : 3.3 petaflops

• Question No. 29

As of April 2022, India is NOT a permanent member of which of the following organisations?

Options :

1. South Asian Association for Regional Cooperation
2. G20
3. Organization of Petroleum Exporting Countries
4. World Trade Organization
- 5.

Answer : Organization of Petroleum Exporting Countries

• Question No. 30

The government deficit can be reduced by _____ taxes or _____ expenditure.

Options :

1. increasing; increasing
2. increasing; decreasing
3. decreasing; increasing
4. maintaining; increasing
- 5.

Answer : increasing; decreasing

• Question No. 31

Buddha delivered his first sermon which is called _____, at Sarnath to his five disciples.

Options :

1. Niranjana
2. Mahabhinishkramana
3. Maha parinirvana
4. Dharmachakra Pravartana
- 5.

Answer : Dharmachakra Pravartana

- Question No. 32

By which other name is the festival Gudi Padwa known in Karnataka, Telangana and Andhra Pradesh?

Options :

1. Baisakhi
2. Ugadi
3. Akshay Tritiya
4. Pongal
- 5.

Answer : Ugadi

- Question No. 33

Who among the following is considered as the father of Plate Tectonics?

Options :

1. Alfred Wegener
2. James Rennell
3. Antoine Lavoisier
4. Antonie Philips Van Leeuwenhoek
- 5.

Answer : Alfred Wegener

- Question No. 34

According to the Periodic Labour Force Survey of India (2019-20), what is the literacy rate among the Scheduled Tribes Population of India?

Options :

1. 70.10%
2. 65.30%

3. 57.40%

4. 83.28%

5.

Answer : 70.10%

• Question No. 35

The role of the preparation of the electoral rolls for all the elections to Parliament and to the Legislature of every State and of elections to the offices of President and Vice-President lies with the _____.

Options :

1. Cabinet

2. Finance Commission

3. Election Commission

4. Planning Commission

5.

Answer : Election Commission

• Question No. 36

In economics, what does 'Budget Surplus' mean?

Options :

1. When the amount spent is equal to the revenue collected

2. When the revenue collected is negligible as compared to the expenditure

3. When the revenue collected exceeds the required expenditure

4. When the expenditure exceeds income

5.

Answer : When the revenue collected exceeds the required expenditure

• Question No. 37

The Congress Working Committee adopted the Quit India Resolution at _____ in July 1942.

Options :

1. Madras
2. Wardha
3. Patna
4. Lucknow
- 5.

Answer : Wardha

• Question No. 38

The Comprehensive Crop Insurance Scheme (CCIS) was started from 1985 with the objective of providing _____.

Options :

1. financial support to the farmers for educating their children
2. financial support to the farmers in the event of crop failure due to drought, flood etc
3. financial support to the farmers to purchase tractors and other implements
4. financial support to the farmers to buy HYV seeds
- 5.

Answer : financial support to the farmers in the event of crop failure due to drought, flood etc

• Question No. 39

Which politician was awarded the Sahitya Akademi Award 2021 for 'Mirjafar O Anyanya Natak'?

Options :

1. Agnimitra Paul
2. Bratya Basu
3. Abhishek Banerjee
4. Tapas Mandal
- 5.

Answer : Bratya Basu

• Question No. 40

According to the Industrial Policy Statement of 1973, the private sector was allowed to apply for the license of their industry only after having a total assets of ₹ ____ or more.

Options :

1. 2 lakh
2. 20 lakh
3. 2 crore
4. 20 crore
- 5.

Answer : 20 crore

• Question No. 41

Which of the following river basins is the most populated in the world?

Options :

1. Ganga
2. Nile
3. Mississippi
4. Amazon
- 5.

Answer : Ganga

• Question No. 42

Which of the following mountain ranges is considered as the boundary between Asia and Europe?

Options :

1. Alps
2. The Great Dividing Range
3. Atlas
4. Urals
- 5.

Answer : Urals

• Question No. 43

Who among the following has been honoured with Sports Journalists' Federation of India (SJFI) Sportswoman of the Year 2021?

Options :

1. Saina Nehwal
2. Pusarla Venkata Sindhu
3. Mirabai Chanu
4. Lovlina Borgohain
- 5.

Answer : Mirabai Chanu

• Question No. 44

The Parliament of India comprises of:

Options :

1. President, Lok Sabha, and Rajya Sabha
2. Lok Sabha and Rajya Sabha
3. President, Attorney General for India, Lok Sabha, and Rajya Sabha
4. Prime Minister, Lok Sabha, and Rajya Sabha
- 5.

Answer : President, Lok Sabha, and Rajya Sabha

- Question No. 45

Which of the following was the leading oil producing country in the world for the year 2020, according to the US Energy Information Administration?

Options :

1. USA
2. Saudi Arabia
3. Qatar
4. UAE
- 5.

Answer : USA

- Question No. 46

Phumdis, the floating islands are the unique features of which of the following lakes?

Options :

1. Chilika Lake
2. Sambhar Lake
3. Loktak Lake
4. Pangong Lake
- 5.

Answer : Loktak Lake

- Question No. 47

Which of the following dietary components per gram provides the highest energy in humans?

Options :

1. Roughage
2. Protein

3. Fat
4. Carbohydrate
- 5.

Answer : Fat

• Question No. 48

Which of the following devices is used to measure atmospheric pressure?

Options :

1. Thermometer
2. Odometer
3. Tetrameter
4. Barometer
- 5.

Answer : Barometer

• Question No. 49

Which Article of the Indian Constitution is related with the Executive powers of the Union?

Options :

1. 53
2. 51
3. 57
4. 55
- 5.

Answer : 53

• Question No. 50

Which government has become the world's first government to turn 100% paperless?

Options :

1. Moscow
2. Berlin
3. New York
4. Dubai
- 5.

Answer : Dubai

• Question No. 51

Rohan started from his home towards the east, and after walking for 5 m, turned left. From there, after walking for 15 m, he turned right and walked for 5 m to reach a flower shop. In which direction is his home with respect to the flower shop? (All turns are 90° turns only)

Options :

1. North
2. West
3. South-west
4. South-east
- 5.

Answer : South-west

• Question No. 52

In a certain code language, 'ABSENCE' is written as 'DWVZQXH' and 'SERVICE' is written as 'VZUQLXH'. How will 'CONSENT' be written in that language?

Options :

1. EJPNGIW
2. FIQMHHQ
3. EIPMGHQ

4. FJQNHIW

5.

Answer : FJQNHIW

• Question No. 53

Five colleagues, Chand, Chandini, Nidhi, Vikram and Ajay, are sitting in a row facing north. Nidhi and Chandini occupy the extreme ends of the row. Vikram is sitting exactly in the centre. No two people with the name starting with the same letter are immediate neighbours of each other. Ajay is sitting to the immediate left of Vikram. Who sits in the right extreme?

Options :

1. Ajay
2. Chandini
3. Nidhi
4. Chand
- 5.

Answer : Nidhi

• Question No. 54

If '÷' is replaced with '+', '×' is replaced with '-', '+' is replaced with '×' and '-' is replaced with, '÷' then what will be the value of the given expression?

$$8 + 5 \times 54 - 9 \div 3 = ?$$

Options :

1. 33
2. 37
3. 44
4. 46
- 5.

Answer : 37

• Question No. 55

In a certain code language, the letters of the English alphabet are coded as per their alphabetical order (A as 1 and Z as 26). However, if a consonant is immediately followed as well as preceded by a vowel, its code would be '77'.

What will be the code for 'WHITEN' in this language?

Options :

1. 238772077514
2. 238920514
3. 239877514
4. 238977514
- 5.

Answer : 238977514

• Question No. 56

Two statements A and B are given. There may be a cause-and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements and select the appropriate option.

Statements:

A) KBCL decided to sell their oil to Alliance.

B) Alliance has raised the procurement price of oil from the last month.

Options :

1. Both the statements, A and B, are effects of independent causes
2. B is the cause and A is the effect
3. A is the cause and B is the effect
4. Both the statements, A and B, are independent causes.
- 5.

Answer : B is the cause and A is the effect

• Question No. 57

Rohan started from his home to go to his school. He went 100 meters towards the South, then turned towards the West and walked 50 metres. He then turned right and walked 50 metres and finally he turned to his right and walked 100 metres to reach his school. In which direction is his house from the school? (All turns are 90° turns only)

Options :

1. South-west
2. South-east
3. North-west
4. North-east
- 5.

Answer : North-west

• Question No. 58

Eight friends are sitting around a square table, four at the corners and four in the middle of the four sides, facing the centre. Isheen is an immediate neighbour of Manmeet and Jyoti. Only three people sit between Harsh and Rekha. Nandan is sitting third to the right of Isheen. Paresh is second to the left of Manmeet. Only three people sit between Meena and Isheen. Manmeet is sitting to the immediate right of Rekha. Who is sitting second to the right of Nandan?

Options :

1. Rekha
2. Meena
3. Paresh
4. Jyoti
- 5.

Answer : Paresh

• Question No. 59

In a certain code language, RAMESH is written as AREMHS and PRAKIL is written as 'RPKALI'. How will RISHIPAL be written in that language?

Options :

1. ALIPHSRI
2. IRSHPILA
3. IRHSPILA
4. RILAPISH
- 5.

Answer : IRHSPILA

• Question No. 60

Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to the third term.

SUGAR : 11 :: PILOT : 12 :: HOTEL : ?

Options :

1. 15
2. 10
3. 12
4. 19
- 5.

Answer : 10

• Question No. 61

What will be the total number of days from 20 February 2020 to 15 April 2020, by including both the days?

Options :

1. 55
2. 54
3. 56
4. 57
- 5.

Answer : 56

• Question No. 62

Select the number from among the given options that can replace the question mark (?) in the following series.

18, 27, 34, 39, 42, ?

Options :

1. 45
2. 44
3. 42
4. 43
- 5.

Answer : 43

• Question No. 63

If 'A # B' means 'A is the father of B',

'A \$ B' means 'A is the mother of B',

'A @ B' means 'A is the husband of B',

'A % B' means 'A is the wife of B'

'A = B' means 'A is the brother of B',

then how is P related to V in the following expression?

P @ Q \$ U = R % S # V

Options :

1. Mother's brother
2. Paternal grandfather
3. Father's brother
4. Maternal grandfather
- 5.

Answer : Maternal grandfather

• Question No. 64

After the mid-term examination Rupesh ranked 10th from the top and Rachit ranked 21st from the bottom. If Rachit performed better than Rupesh and six students ranked between them, how many students appeared in the examination?

Options :

1. 29
2. 38
3. 36
4. 23
- 5.

Answer : 23

• Question No. 65

In a certain code language, MAN is written as OCP and GEM is written as IGO. How will CAT be written in that language?

Options :

1. TAC
2. ECV

3. VCE

4. DBU

5.

Answer : ECV

• Question No. 66

Select the option that is related to the fifth letter-cluster in the same way as the fourth letter-cluster is related to the third letter-cluster and the second letter-cluster is related to the first letter-cluster.

TRIP : PIRT :: STRONG : GNORTS :: MOUNTAIN : ?

Options :

1. NAITNUOM

2. NIATUNOM

3. NIATNUOM

4. NTIANUOM

5.

Answer : NIATNUOM

• Question No. 67

The second number in each of the number-pairs is obtained by performing certain mathematical operations on the first number. Three of the following four number-pairs follow the same pattern and thus form a group. Select the number- pair that does NOT belong to that group.

Options :

1. 18 : 321

2. 21 : 438

3. 17 : 286

4. 19 : 357

5.

Answer : 19 : 357

• Question No. 68

There are five friends, Deepu, Sonu, Tinku, Guddu and Innu. Innu is taller than Tinku. Among all, Tinku comes exactly in the middle on the basis of height. Guddu is shortest among all. Sonu is taller than Tinku but not the tallest in the group. Who comes at the 2nd position starting from the shortest to tallest?

Options :

1. Innu
2. Sonu
3. Guddu
4. Deepu
- 5.

Answer : Deepu

• Question No. 69

Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Options :

1. ROW
2. OLT
3. VSA
4. LIR
- 5.

Answer : LIR

• Question No. 70

A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

How is P related to C?

Statements:

I: H is the only brother of S and P.

II: P is the wife of L, who is the son-in-law of D.

III: D is the mother of S and T is the son-in-law of C.

Options :

1. Data in statements I, II and III together are not sufficient to answer the question.
2. Data in statements II and III together are sufficient to answer the question.
3. Data in statements I, II and III together are sufficient to answer the question.
4. Data in statement I alone is sufficient to answer the question
- 5.

Answer : Data in statements I, II and III together are not sufficient to answer the question.

- Question No. 71

Each of the six people were watching a different movie. A finished before D. but after F. E finished before B, but after D. F finished after C, but before A. What was the finishing order?

Options :

1. CAFEBD
2. CFADEB
3. ACBD FE
4. FACDEB
- 5.

Answer : CFADEB

- Question No. 72

During lunch break, eight colleagues, namely A, B, C, D, E, F, G and H are sitting in a circle facing the centre at equal distances. B is an immediate neighbor of both G and D. C is an immediate neighbour of both. A and G. H is third to the left of B. E is not an immediate neighbour of A. Who is third to the right of E?

Options :

1. G
2. A
3. D
4. B
- 5.

Answer : G

- Question No. 73

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:

- a) Some suitcases are pouches.
- b) Some bags are purses.
- c) All pouches are purses.

Conclusions:

- I. Some suitcases are purses.
- II. Some purses are bags.
- III. All purses are pouches.

Options :

1. Only conclusions I and II follow.
2. All the conclusions follow.
3. Only conclusions I and III follow.
4. Only conclusions II and III follow.
- 5.

Answer : Only conclusions I and II follow.

• Question No. 74

Study the following arrangement of numbers and symbols and answer the question that follows:

(all numbers are single digit numbers only)

37 # 8 5 % 9 2 3 * 1 0 1 % 6 3 ? 9 3 5 ^ 2 7 & 3 5 4 @ 4 1 7

How many such even numbers are there in this arrangement each of which is immediately preceded by a symbol?

Options :

1. 3
2. 2
3. 5
4. 4
- 5.

Answer : 4

• Question No. 75

Read the given statements and conclusions carefully, and decide which of the given conclusions follow(s) based on the given statements.

Statements:

$A > B \leq C$

P

Conclusions:I. $B \leq P$

II. C

Options :

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Both the conclusions follow.
4. Neither conclusion I nor II follows.
- 5.

Answer : Neither conclusion I nor II follows.

• Question No. 76

There are six persons, A, B, C, D, E and F. A, B, C and F are male and other two are female. The height of A is 5.2 feet, B is 5.7 feet, C is 5.9 feet, D is 5.4 feet, E is 6.0 feet and F is 6.1 feet. Out of these all, A, B, C and E like sugar, and D and F like salt. Persons who have a height of more than 5.5 feet wear black, and others wear white.

Who among these is the sugar-loving male who does NOT wear black?

Options :

1. C
2. A
3. D
4. B
- 5.

Answer : A

• Question No. 77

Which two signs should be interchanged to make the equation correct?

$$12 \times 3 \div 4 + 6 - 2 = 20$$

Options :

1. $\times$ and $+$
2. $\div$ and $+$
3. $+$ and $-$
4. $\times$ and $\div$
- 5.

Answer : $\times$ and $\div$

• Question No. 78

Avinash is ranked 11th from the top in the class and Ira is ranked 7th from the bottom. If their positions get interchanged, Avinash will rank 15th from the top and Ira is ranked 11th from the bottom. How many total students appeared for the exams?

Options :

1. 23
2. 20
3. 21
4. 22
- 5.

Answer : 21

• Question No. 79

Select the number from the options that can replace the question mark (?) and complete the given series

0, 7, 26, 63, 124, ?

Options :

1. 214

2. 212

3. 213

4. 215

5.

Answer : 215

• Question No. 80

Six boxes, M, N, O, P, Q and R. are kept one above the other but not necessarily in the same order. There is only one box between box N and box R. Box Q is immediately below box N. There are only two boxes between box Q and box M. There is no box above box P. Box R is third from the bottom. Which box is third from the top?

Options :

1. Q

2. O

3. N

4. R

5.

Answer : Q

• Question No. 81

A, B, C, D, E, F, G and H are sitting around a square table, four of them sit at the 4 corners, while four sit at the middle of the sides. The ones who sit at the corners face the centre, while those who sit at the middle of the sides face outside. F sits fourth to the left of D. D faces outside.

C is immediate to the right of F. A sits third to the right of the H. Only two persons sit between G and B. E is to the immediate right of B and to the immediate left of F. H sits second to the right of the E. What is the position of A with respect to D?

Options :

1. Fourth to the right

2. Second to the left
3. Third to the left
4. Third to the right
- 5.

Answer : Second to the left

• Question No. 82

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:

- a) Some sketch pens are ink pens
- b) Some pencils are markers.
- c) All ink pens are markers.

Conclusions:

- I. Some markers are sketch pens.
- II. Some sketch pens are pencils.
- III. Some markers are ink pens.

Options :

1. Only conclusions II and III follow.
2. All the conclusions follow.
3. Only conclusions I and II follow.
4. Only conclusions I and III follow.
- 5.

Answer : Only conclusions I and III follow.

• Question No. 83

If the difference between the mode and median is 2, then find the difference between the median and mean (in the given order) using empirical relation.

Options :

1. 4
2. 1
3. 2
4. 3
- 5.

Answer : 1

• Question No. 84

What is the sum of the solutions of the equation $2y^2 - 6y - 7 = 0$?

Options :

1. $-7/2$
2. -3
3. 3
4. $7/2$
- 5.

Answer : 3

• Question No. 85

The ratio of incomes of A and B is 5: 7 and the ratio of their savings is 2: 3. If A and B spend ₹35,400 and ₹48,600, respectively, then what is the difference (in ₹) between the incomes of B and A?

Options :

1. 17,600

- 2. 20,000
- 3. 18,600
- 4. 18,000
- 5.

Answer : 18,000

• Question No. 86

In $\triangle ABC$, the bisectors of $\angle B$ and $\angle C$ intersect at P inside the triangle. If $\angle BPC = 128^\circ$, then what is the measure of $\angle A$?

Options :

- 1. 52°
- 2. 78°
- 3. 76°
- 4. 82°
- 5.

Answer : 76°

• Question No. 87

If $A : B = 1.2 : 2$, $B : C = 1.5 : 2$, and $C : D = 2 : 3$, then $B : D$ is equal to:

Options :

- 1. $5 : 6$
- 2. $1 : 2$
- 3. $3 : 4$
- 4. $2 : 3$
- 5.

Answer : $1 : 2$

• Question No. 88

The value of $72 \div 4 \times \{8 \times 4 - (14 - 19)\}$ is:

Options :

1. 666
2. 1296
3. 444
4. 222
- 5.

Answer : 666

- Question No. 89

What is the mode of the observations 5, 4, 4, 6, 7, 6, 9, 7, 6, 5?

Options :

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

Answer : 6

- Question No. 90

A lawn in the shape of a rectangle has an area of 7260 m^2 and its sides are in the ratio 5: 3. Its perimeter is equal to the perimeter of a circular garden. What is the area of the circular garden? (Taken $\pi = 22/7$)

Options :

1. 8712 m^2
2. 9856 m^2
3. 7260 m^2
4. 9878 m^2

5.

Answer : 9856 m^2

- Question No. 91

The difference between 12% gain and 4% loss on sale of the item was ₹28. What was the cost price of the item?

Options :

1. ₹168
2. ₹175
3. ₹196
4. ₹189
- 5.

Answer : ₹175

- Question No. 92

The value of $(919 + 9.019 + 0.919 + 9.0019)$ is:

Options :

1. 937.3999
2. 973.9399
3. 937.9399
4. 973.9939
- 5.

Answer : 937.9399

- Question No. 93

The volume of a solid cone is $96 \pi \text{ cm}^3$ and its height is 8cm. What is its total surface area (in cm^2)?

Options :

1. 96π
2. 36π
3. 37π
4. 23π
- 5.

Answer : 96π

• Question No. 94

The selling price of 2 blankets are the same. One of the blankets is sold at $6\frac{2}{3}\%$ profit and the CP of the other blanket is ₹400 less than its SP. If the total profit on selling both the blankets is 50%, then find the selling price of each blanket.

Options :

1. ₹1500
2. ₹1510
3. ₹1530
4. ₹1520
- 5.

Answer : ₹1500

• Question No. 95

In a circle, chords AB and CD are produced to meet at E. outside the circle. If AB = 9 cm and AE = 12 cm and ED = 4 cm, then what is the length of the chord CD?

Options :

1. 5.5 cm
2. 5 cm
3. 4 cm
4. 4.5 cm
- 5.

Answer : 5 cm

• Question No. 96

In a school, $\frac{5}{8}$ of the number of students are girls and the rest are boys. $\frac{2}{5}$ of the number of girls are below 12 years and $\frac{4}{9}$ of the boys are 12 or above. If the total number of students is 288, how many students are below 12 years of age?

Options :

1. 124
2. 132
3. 144
4. 140
- 5.

Answer : 132

• Question No. 97

Which of the following numbers is divisible by 7, 11, and 13?

Options :

1. 1002001
2. 1003001
3. 1005001
4. 1004001
- 5.

Answer : 1002001

• Question No. 98

A boat takes 7 hours to move 63 km downstream and 30 km upstream. The boat takes 6 hours to move 28 km downstream and 48 km upstream. How much time will it take to move 35 km downstream and 27 km upstream?

Options :

1. 4 hours 45 minutes
2. 4 hours 50 minutes
3. 5 hours
4. 5 hours 20 minutes
- 5.

Answer : 4 hours 45 minutes

• Question No. 99

The value of $84 \div 32 \times 8 + 15 \div 8 \times (19 - 35)$ is:

Options :

1. 45
2. 38
3. 51
4. 42
- 5.

Answer : 51

• Question No. 100

If 75% of a number is added to 75, then the result is the number itself. The number is:

Options :

1. 300
2. 200
3. 250
4. 350
- 5.

Answer : 300

- Question No. 101

A hundred rupee note measures $15\text{ cm} \times 8\text{ cm}$ and a bundle of 125 such notes is 2 cm thick. Find the value of the hundred-rupee notes that can be contained in a box of size $48\text{ cm} \times 36\text{ cm} \times 30\text{ cm}$, if the bundles are tightly packed in it without any space.

Options :

1. ₹36 Lakhs
2. ₹33 Lakhs
3. ₹30 Lakhs
4. ₹27 Lakhs
- 5.

Answer : ₹27 Lakhs

- Question No. 102

A cylindrical bucket of height 150 cm and radius 50 cm is full of water. A person wants to fill spherical balloons of radius 5 cm each with the water in the bucket. How many balloons can he fill with the water present in the bucket?

Options :

1. 2250
2. 1753
3. 1456
4. 1832
- 5.

Answer : 2250

- Question No. 103

A fraction becomes $\frac{2}{3}$ when one is added to both the numerator and the denominator of the fraction, and it becomes $\frac{1}{2}$, when 2 is subtracted from both the numerator and denominator. What is the sum of the numerator and denominator of the original fraction?

Options :

1. 7
2. 13
3. 8
4. 11
- 5.

Answer : 13

• Question No. 104

The ratio of the two numbers is 3: 4 and their LCM is 480. Find their HCF.

Options :

1. 30
2. 40
3. 160
4. 120
- 5.

Answer : 40

• Question No. 105

If $x = 2^3 \times 3^2 \times 5 \times 7^3$, $y = 2^2 \times 3^3 \times 5^2 \times 7^2$, and $z = 2^4 \times 3 \times 5^3 \times 7$.

then the HCF of x, y and z is:

Options :

1. 420
2. 1260
3. 840
4. 630
- 5.

Answer : 420

• Question No. 106

A can complete a piece of work in 10 days. B is 25% more efficient than A. How many days will B alone take to complete the same work?

Options :

1. 7 days
2. 8 days
3. 6 days
4. 9 days
- 5.

Answer : 8 days

• Question No. 107

The average of 6 numbers is 16. If one of the numbers is excluded, the average becomes 17. Find the excluded number.

Options :

1. 12
2. 10
3. 11
4. 13
- 5.

Answer : 11

• Question No. 108

X and Y can complete a certain work in 45 days and 60 days, respectively. They started the work together but X left after some days and Y alone completed the remaining work in 39 days. For how many days did X work?

Options :

1. 9 days
2. 10 days
3. 6 days
4. 8 days
- 5.

Answer : 9 days

• Question No. 109

When 6892, 7105 and 7531 are divided by the greatest number x , then the remainder in each case is the same. The sum of the digits of x is:

Options :

1. 9
2. 7
3. 13
4. 6
- 5.

Answer : 6

• Question No. 110

Raju travels 150 km in 7.5 hours moving downstream. The speed of the stream is 5 km/h. Find the speed at which Raju should row the boat to reach back at the same time.

Options :

1. 18 km/h
2. 7.5 km/h
3. 10 km/h
4. 25 km/h

5.

Answer : 25 km/h

- Question No. 111

The area of a rectangular field, whose sides are in the ratio 13: 5, is 260 m^2 . What is the perimeter of the rectangular field?

Options :

1. 70 m
2. 72 m
3. 66 m
4. 68 m
- 5.

Answer : 72 m

- Question No. 112

Khan lends an amount of ₹10,000 to Irfan at 10% per annum compound interest for 5 years, compounded annually. What is the compound interest accrued for the 4 year?

Options :

1. ₹1,762
2. ₹1,331
3. ₹1,745
4. ₹1,540
- 5.

Answer : ₹1,331

- Question No. 113

Which two signs should be interchanged to make the equation correct?

$$12 \times 3 \div 4 + 6 - 2 = 20$$

Options :

1. $\times$ and $+$
2. $\div$ and $+$
3. $+$ and $-$
4. $\times$ and $\div$
- 5.

Answer : $\times$ and $\div$

- Question No. 114

What is the compound interest on a sum of ₹19,500 invested for $1\frac{2}{5}$ year at 10% pa., interest compounded annually?

Options :

1. ₹2,608
2. ₹2,480
3. ₹2,808
4. ₹2,880
- 5.

Answer : ₹2,808

- Question No. 115

The value of $\left(1\frac{1}{3} \times 1\frac{4}{5} \div \frac{3}{5}\right) \times \frac{3}{8} - \frac{2}{3}$ is:

Options :

1. $\frac{3}{2}$
2. $\frac{1}{4}$
3. $\frac{5}{6}$

4. $\frac{7}{2}$

5.

Answer : $\frac{5}{6}$

• Question No. 116

First four terms of a series are 4, 12, 36, 108. What will be the 6th term of this series?

Options :

1. 624

2. 2916

3. 324

4. 972

5.

Answer : 972

• Question No. 117

If $\sqrt{64} - \sqrt[3]{64} = \sqrt[4]{y}$, where $y > 0$, then the value of y is:

Options :

1. 256

2. 16

3. 625

4. 81

5.

Answer : 256

• Question No. 118

Determine the number of months required to get ₹25.5 as simple interest on ₹850 at 3.6% per annum.

Options :

1. 10 months
2. 9 months
3. 8 months
4. 11 months
- 5.

Answer : 10 months

• Question No. 119

At the same time A and B start moving towards each other from two different places, 240 km apart. The ratio of the speeds of A and B is 5: 7, and the speed of B is 84 km/h. After how many minutes will A and B meet each other?

Options :

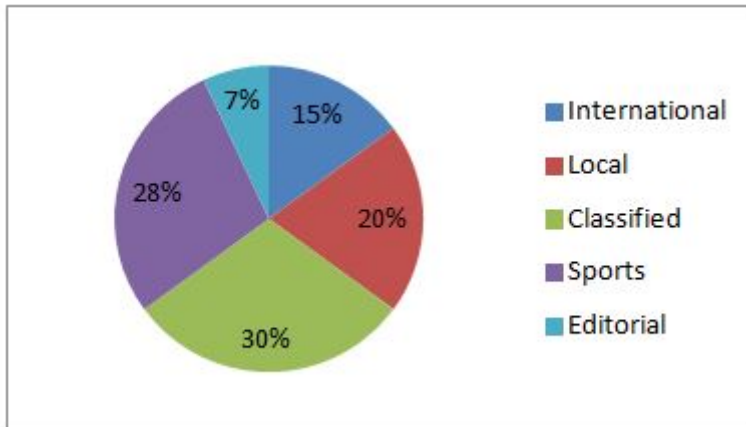
1. 80 minutes
2. 100 minutes
3. 120 minutes
4. 90 minutes
- 5.

Answer : 100 minutes

Direction:

Study the given pie-chart and answer the question that follows.

A newspaper decided to bring its golden jubilee issue consisting of 60 pages. The proportion for the coverage of various types in this issue was pre-decided and the same is given in the pie chart.



- Question No. 120

How many pages were dedicated to sports and editorial coverage?

Options :

1. 18
2. 20
3. 19
4. 21
- 5.

Answer : 21

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